Analyzing Data With Power Bi Kenfil

Data Analytics - 7 BOOK BUNDLE!! Book 1: Data Analytics for Beginners In this book you will learn: Putting Data Analytics to Work The Rise of Data Analytics Big Data Defined Cluster Analysis Applications of Cluster Analysis Commonly Graphed Information Data Visualization Four Important Features of Data Visualization Software And of course much more! Book 2: Deep Learning with Keras In this book you will learn: Deep Neural Network Neural Network Elements Keras Models Sequential Model Functional API Model Keras Layers Core Keras Layers Convolutional Keras Layers Recurrent Keras Layers Deep Learning Algorithms Supervised Learning Algorithms Applications of Deep Learning Models Automatic Speech and Image Recognition Natural Language Processing And of course much more! Book 3: Analyzing Data with Power BI In this book you will learn: Basics of data analysis processes Fundamental data analysis algorithms Basic of data and text mining, data visualization and business intelligence Techniques used for analysing quantitative data Basic data analysis tasks Conceptual, logical and physical data models Power BI service and data modelling Creating reports and visualizations in Power BI And of course much more! Book 4: Reinforcement Learning with Python In this book you will learn: Types of fundamental machine learning algorithms in comparison to reinforcement learning Essentials of reinforcement learning process Marko decision processes and basic parameters How to integrate reinforcement learning algorithm using OpenAI Gym How to integrate Monte Carlo methods for prediction Monte Carlo tree search And much, much more... Book 5: Artificial Intelligence Python In this book you will learn: Different artificial intelligence approaches and goals How to define AI system Basic AI techniques Reinforcement learning And much, much more... Book 6: Text Analytics with Python In this book you will learn: Text analytics process How to build a corpus and analyze sentiment Named entity extraction with Groningen meaning bank corpus How to train your system Getting started with NLTK How to search syntax and tokenize sentences Automatic text summarization Stemming word and topic modeling with NLTK And much, much more... Book 7: Convolutional Neural Networks in Python In this book you will learn: Architecture of convolutional neural networks Solving computer vision tasks using convolutional neural networks Python and computer vision Automatic image and speech recognition Theano and TenroeFlow image recognition And of course much more! Get this book bundle NOW and SAVE money!!

Thanks to Power BI, Excel can also analyze and prepare large amounts of data. With this book, you get everything you need for everyday work: comprehensive and understandable explanations based on clear, practical scenarios. I will show you how to handle raw data from different data sources and how to clean, link, analyze and visualize them. You will find out how you can efficiently combine Functions with Power Query, Power Pivot, Power BI Desktop, and how to use business intelligence profitably for your company! It is aimed at any professional who needs to report and perform data analysis efficiently. You do not need to have an analyst position in your work portfolio. Even if you already have experience with Power BI, you are sure to get important resources out of this book. As I mentioned above, in this book, you will learn the data analysis process using Power BI Functions and Tools, from how to install and how to schedule automatic updating of your reports to perform analytics. As with every new skill, learning Power BI requires some effort. I have structured the book in such a way that you can master and apply everything in the book in a systemic way. Once complete, you'll be able to use this knowledge in your company and reap the results of high-quality reports, thus ensuring recognition and safety in your field. You will learn how to use the Power BI desktop to bring data in from various sources. You will learn how to create reports and publish them. You will learn how R scripts, parameters, and the Power Query M Formula language fit into Power BI. You will also learn how to use SQL Server data and SQL Server audit data to push your reports and visualizations to another level. Here's what you will learn: A brief introduction to Power BI A brief look at the Power BI building blocks How to use Power BI Desktop How to use Power BI Reports What High-Density Line Sampling is How to connect with Data in Power BI What Real-Time Streaming is How to Push Data in Datasets How to use Excel to Publish Into Power BI Working with R Scripts Working with Parameters Working with SQL Server Data Working with the Power Query M Formula Language How to Visualize SQL Server Audit Data And much more By the end of the book, you will have a much deeper understanding of how to leverage Power BI for effective and efficient business intelligence so scroll up and hit that Buy Now button to get started!

Direct from Microsoft, this Exam Ref is the official study guide for the new Microsoft DA-100 Analyzing Data with Microsoft Power BI certification exam. Exam Ref DA-100 Analyzing Data with Microsoft Power BI offers professional-level preparation that helps candidates maximize their exam performance and sharpen their skills on the job. It focuses on specific areas of expertise modern IT professionals need to demonstrate real-world mastery of Power BI data analysis and visualization. Coverage includes: Preparing data: acquiring, profiling, cleaning, transforming, and loading data Modeling data: designing and developing data models, creating measures with DAX, and optimizing model performance Visualizing data: creating reports and dashboards, and enriching reports for usability Analyzing data: enhancing reports to expose insights, and performing advanced analysis Deploying and maintaining deliverables: managing datasets; creating and managing workspaces Microsoft Exam Ref publications stand apart from third-party study guides because they: Provide guidance from Microsoft, the creator of Microsoft certification exams Target IT professional-level exam candidates with content focused on their needs, not "one-size-fits-all" content Streamline study by organizing material according to the exam's objective domain (OD), covering one functional group and its objectives in each chapter Feature Thought Experiments to guide candidates through a set of "what if?" scenarios, and prepare them more effectively for Pro-level style exam questions Explore big picture thinking around the planning and design aspects of the IT pro's job role For more information on Exam DA-100 and the Microsoft Certified: Data Analyst Associate credential, visit https: //docs.microsoft.com/en-us/learn/certifications/data-analyst-associate.

- This is the latest practice test to pass the DP-203 Data Engineering on Microsoft Azure Exam. - It contains 107 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt.

I have been dealing with many Power BI challenges in my professional life as a Power BI consultant and a trainer. Challenges normally come as calculation or DAX questions, or sometimes as a performance question. However, after digging deeper into the problem, soon, it will be revealed that the problem is related to a more fundamental challenge; data modeling.If you have a Power BI implementation with many calculation-related or performance-related issues, I strongly suggest looking into your data model because that is where most of the problems start.A good data model is a great base, which upon that, you can build up many stories of calculations and analysis. A bad data model causes problems on every level that you add upon it, and might sometime

cause the whole solution to collapse.Fortunately, data modeling is not rocket science. I explained the basic principles of the data modeling with examples in this book. Use this book as the learning path towards a better data model. Most of the tips mentioned in this book are product-agnostic (such as star-schema, dimension, and fact tables). However, this book is particularly designed and developed for a Power BI product user.This book is for you if you are building a Power BI solution. If your task is only visualizing the existing data, this book might not be needed for you. However, What I have seen in many cases, is that the requirement starts with just visualize the data, and then more data tables appear, and you get into the tunnel of data modeling without knowing the principles of it. This book is a guide for you through that tunnel.

Manage and work with business data effectively by learning data modeling techniques and leveraging the latest features of Power BI Key Features Understand data modeling techniques to get the best out of data using Power BI Define the relationships between data to extract valuable insights Solve a wide variety of business challenges by building optimal data models Book Description Microsoft Power BI is one of the most popular business intelligence tools available on the market for desktop and the cloud. This book will be your guide to understanding the ins and outs of data modeling and how to create data models using Power BI confidently. You'll learn how to connect data from multiple sources, understand data, define and manage relationships between data, and shape data models. In this book, you'll explore how to use data modeling and navigation techniques to define relationships and create a data model before defining new metrics and performing custom calculations using modeling features. As you advance through the chapters, the book will demonstrate how to create full-fledged data models, enabling you to create efficient data models and simpler DAX code with new data modeling features. With the help of examples, you'll discover how you can solve business challenges by building optimal data models and changing your existing data models to meet evolving business requirements. Finally, you'll learn how to use some new and advanced modeling features to enhance your data models to carry out a wide variety of complex tasks. By the end of this Power BI book, you'll have gained the skills you need to structure data coming from multiple sources in different ways to create optimized data models that support reporting and data analytics. What you will learn Implement virtual tables and time intelligence functionalities in DAX to build a powerful model Identify Dimension and Fact tables and implement them in Power Query Editor Deal with advanced data preparation scenarios while building Star Schema Explore best practices for data preparation and data modeling Discover different hierarchies and their common pitfalls Understand complex data models and how to decrease the level of model complexity with different data modeling approaches Who this book is for This MS Power BI book is for BI users, data analysts, and analysis developers who want to become well-versed with data modeling techniques to make the most of Power BI. Basic knowledge of Power BI and Star Schema will help you to understand the concepts covered in this book.

"Microsoft Power BI is a suite of tools to analyze your data and extract business insights from it through building interactive dashboards. This video course is your guide to getting the most out of Power BI and will help you solve any problems you might come across while using it.This tutorial contains practical recipes on the various tasks that you can do with Microsoft Power BI--from gathering your data to analyzing it."--Resource description page.

Power BI: Essential Beginner's Guide to Power BI to Bring Data to Life provides an overview of the key features and requirements required for the user to be able to develop dashboards that provide a 360-degree view of the business. This book is intended not only for those who want to analyze data routinely but also for those who wish to generate and perform the most diverse activities. The benefits of knowing how to analyze and make fact-based decisions are arguably beneficial not only at the executive and managerial levels but also at different levels.? With this book, you will be able to learn and improve your Power BI Dashboard presentations.? You will learn what Power BI is, from its inception at launch, understanding its positioning in the workforce to how to install it, and how to start using it.? You will learn important Power BI concepts for starting your studies and familiarizing yourself with terms that will be necessary for a firm understanding of this powerful tool. You will also understand the concepts of Dashboards, Data Warehouse, and their practical applications.? You will learn to assemble your Dashboard effectively, and best practices for Dashboard design and the right way to build your indicators. Then you will learn about the mechanism of the area of construction of the panels and tips for using visuals.? In 3 different chapters of this book, you will learn about creating projects on Power BI.? You will understand the Power BI Desktop & Cloud Service process from the moment you create your account, publish the dashboard, and understand what happens to the dashboard when it is published.Overall in this book, you will understand the entire Business Intelligence process and how it is applied to Power BI, from information on what are the benefits of implementing this process in your day, today, and what precautions we need to take to begin analyzing data.It will open the door of your first contact with Microsoft Power BI. An overview of the basic functionality for you to understand the engine, tips on how to connect data sources, and much more!

Create real-world enterprise solutions with NAV, Cloud, and the Microsoft stack About This Book Integrate NAV with various offerings of the Microsoft stack to create enterprise-ready and service-oriented solutions Use Power BI and Universal Windows Platform for effective data analysis and real-time tracking with NAV Discover the services offered by Microsoft Azure and implement them in different industries using real-world case scenarios Who This Book Is For This book is for NAV developers and solution architects who need to implement real-world enterprise solutions based on Microsoft Dynamics NAV. Knowledge of the NAV programming language (C/AL) and C# language is recommended. Knowledge of ASP.NET and Visual Studio development would help, but is not necessary. What You Will Learn Configure NAV Web Services and create external applications with Visual Studio, .NET, and .NET Core Solve technical architectural problems by implementing enterprise solutions with NAV Develop applications and solutions with Microsoft Dynamics NAV and the Microsoft technology stack Create a Power BI dashboard for rich reporting and NAV data analysis Find out how to transmit your device location from a UWP application to NAV in order to implement a distributed solution for managing couriers in a sales company Make the most of Microsoft Azure and its services Create enterprise solutions with NAV by using Azure App Service Use Azure Service Bus for managing distributed NAV applications In Detail Implementing Microsoft Dynamics NAV in the real world often requires you to integrate the ERP with external applications or solve complex architectural tasks in order to have a final successful project. This book will show you how to extend a Microsoft Dynamics NAV installation to the enterprise world in a practical way. The book starts with an introduction to Microsoft Dynamics NAV architecture and then moves on to advanced topics related to implementing real-world solutions based on NAV and external applications. You will learn how an enterprise distributed architecture with NAV at the core can be implemented. Through a series of real-world cases on every topic and every industry (sales, retail, manufacturing, distribution, healthcare, and so on), you'll see step by step how to efficiently solve a technical problem. These common problems encountered in a NAV

implementation will be solved using the entire technology stack that Microsoft offers. By the end of the book, you will have the knowledge to efficiently solve certain scenarios, you will know which is the best solution architecture to propose to a customer and how to implement it. Style and approach Taking you through a variety of real-world use cases, the book will show you step by step all you need to know to tackle these problems and give you creative ideas to implement in related problems you might come across in the real world.

This book shows how to deliver eye-catching Business Intelligence with Microsoft Power BI Desktop. You can now take data from virtually any source and use it to produce stunning dashboards and compelling reports that will seize your audience's attention. Slice and dice the data with remarkable ease then add metrics and KPIs to project the insights that create your competitive advantage. Make raw data into clear, accurate, and interactive information with Microsoft's free self-service business intelligence tool. Pro Power BI Desktop will help you to push your BI delivery to the next level. You'll learn to create great-looking visualizations and let your audience have fun by interacting with the elegant and visually arresting output that you can now deliver. You can choose from a wide range of built-in and third-party visualization types so that your message is always enhanced. You'll be able to deliver those results on the PC, on tablets, on smartphones, as well as share results via the cloud. Finally, this book helps you save time by preparing the underlying data correctly without needing an IT department to prepare it for you. Power BI Desktop will let your analyses speak for themselves. Simple techniques to make data into insight. Polished interactive dashboards to deliver attention-grabbing information. Visually arresting output on multiple devices grab the reader's attention. What You Will Learn Produce designer output to astound your bosses and peers. Share business intelligence in the cloud Deliver visually stunning charts, maps, and tables. Make them interactive too! Find new insights as you chop and tweak your data as never before. Adapt delivery to mobile devices such as phones and tablets. Audience Pro Power BI Desktop is written for any user who is comfortable in Microsoft Office. Everyone from CEOs and Business Intelligence developers through to power users and IT managers can use this book to outshine the competition by producing 21st Century business intelligence visualizations and reporting on a variety of devices from a variety of data sources. All of this is possible through leveraging your existing skill set with the same, common Microsoft tools you already use in your daily work.

Analyze company data quickly and easily using Microsoft's powerful data tools. Learn to build scalable and robust data models, clean and combine different data sources effectively, and create compelling and professional visuals. Beginning Power BI is a hands-on, activity-based guide that takes you through the process of analyzing your data using the tools that that encompass the core of Microsoft's self-service BI offering. Starting with Power Query, you will learn how to get data from a variety of sources, and see just how easy it is to clean and shape the data prior to importing it into a data model. Using Power BI tabular and the Data Analysis Expressions (DAX), you will learn to create robust scalable data models which will serve as the foundation of your data analysis. From there you will enter the world of compelling interactive visualizations to analyze and gain insight into your data. You will wrap up your Power BI journey by learning how to package and share your reports and dashboards with your colleagues. Author Dan Clark takes you through each topic using step-by-step activities and plenty of screen shots to help familiarize you with the tools. This third edition covers the new and evolving features in the Power BI platform and new chapters on data flows and composite models. This book is your hands-on guide to quick, reliable, and valuable data insight. What You Will Learn Simplify data discovery, association, and cleansing Build solid analytical data models Create robust interactive data presentations Combine analytical and geographic data in map-based visualizations Publish and share dashboards and reports Who This Book Is For Business analysts, database administrators, developers, and other professionals looking to better understand and communicate with data

Analyzing Data with Power Bi and Power Pivot for ExcelMicrosoft Press

Data Analytics - 7 BOOK BUNDLE!! Book 1: Data Analytics For Beginners In this book you will learn: What is Data Analytics Types of Data Analytics Evolution of Data Analytics Big Data Defined Data Mining Data Visualization Cluster Analysis And of course much more! Book 2: Deep Learning With Keras In this book you will learn: Deep Neural Network Neural Network Elements Keras Models Sequential Model Functional API Model Keras Layers Core Keras Layers Convolutional Keras Layers Recurrent Keras Layers Deep Learning Algorithms Supervised Learning Algorithms Applications of Deep Learning Models Automatic Speech and Image Recognition Natural Language Processing And of course much more! Book 3: Analyzing Data With Power BI In this book you will learn: Basics of data analysis processes Fundamental data analysis algorithms Basic of data and text mining, data visualization, and business intelligence Techniques used for analysing quantitative data Basic data analysis tasks Conceptual, logical, and physical data models Power BI service and data modelling Creating reports and visualizations in Power BI And of course much more! Book 4: Reinforcement Learning With Python In this book you will learn: Types of fundamental machine learning algorithms in comparison to reinforcement learning Essentials of reinforcement learning process Marko decision processes and basic parameters How to integrate reinforcement learning algorithm using OpenAI Gym How to integrate Monte Carlo methods for prediction Monte Carlo tree search And much, much more... Book 5: Artificial Intelligence Python In this book you will learn: Different artificial intelligence approaches and goals How to define AI system Basic AI techniques Reinforcement learning And much, much more... Book 6: Text Analytics With Python In this book you will learn: Text analytics process How to build a corpus and analyze sentiment Named entity extraction with Groningen meaning bank corpus How to train your system Getting started with NLTK How to search syntax and tokenize sentences Automatic text summarization Stemming word and topic modeling with NLTK And much, much more... Book 7: Convolutional Neural Networks In Python In this book you will learn: Architecture of convolutional neural networks Solving computer vision tasks using convolutional neural networks Python and computer vision Automatic image and speech recognition Theano and TenroeFlow image recognition And of course much more! Download this book bundle NOW and SAVE money!!

Deliver eye-catching and insightful business intelligence with Microsoft Power BI Desktop. This new edition has been updated to cover all the latest features of Microsoft's continually evolving visualization product. New in this edition is help with storytelling—adapted to PCs, tablets, and smartphones—and the building of a data narrative. You will find coverage of templates and JSON style sheets, data model annotations, and the use of composite data sources. Also provided is an introduction to incorporating Python visuals and the much awaited Decomposition Tree visual. Pro Power BI Desktop shows you how to use source data to produce stunning dashboards and compelling reports that you mold into a data narrative to seize your audience's attention. Slice and dice the data with remarkable ease and then add metrics and KPIs to project the insights that create your competitive advantage. Convert raw data into clear, accurate, and interactive information with Microsoft's free self-service BI tool.

This book shows you how to choose from a wide range of built-in and third-party visualization types so that your message is always enhanced. You will be able to deliver those results on PCs, tablets, and smartphones, as well as share results via the cloud. The book helps you save time by preparing the underlying data correctly without needing an IT department to prepare it for you. What You Will Learn Deliver attention-grabbing information, turning data into insight Find new insights as you chop and tweak your data as never before Build a data narrative through interactive reports with drill-through and cross-page slicing Mash up data from multiple sources into a cleansed and coherent data model Build interdependent charts, maps, and tables to deliver visually stunning information Create dashboards that help in monitoring key performance indicators of your business Adapt delivery to mobile devices such as phones and tablets Who This Book Is For Power users who are ready to step up to the big leagues by going beyond what Microsoft Excel by itself can offer. The book also is for line-of-business managers who are starved for actionable data needed to make decisions about their business. And the book is for BI analysts looking for an easy-to-use tool to analyze data and share results with C-suite colleagues they support.

This certification guide offers complete, up-to-date coverage of the PL-200 exam so you can prepare effectively. The book covers topics such as configuring Dataverse, creating Power Apps, managing processes with Power Automate, implementing chatbots, and even integrating Power Platform with other apps.

Make the most of your NAV deployment by extending and customizing it with a variety of expert tools About This Book Extend Dynamics in a cost-effective manner by using tools that are ready at your disposal Solve common business problems with the valuable features and flexibility of Dynamics NAV Follow practical and easy-to-grasp examples, illustrations, and coding to make the most out of Dynamics NAV in your organisation Who This Book Is For This book is for Dynamics NAV developers and administrators who have a good knowledge level and understanding of Dynamics NAV application development and administration. What You Will Learn Develop a module in Dynamics NAV using C/AL Build relationships with COM technologies Develop and integrate COM with Dynamics NAV 2016 Call the framework members from C/AL Develop an event in the .NET framework and see how to subscribe to it using C/AL Automate the deployment into Dynamics NAV Develop Windows Client Control add-Ins Deploy your resource automatically from Visual Studio Install and Configure Windows Client Control add-Ins Integrate Dynamics NAV with Sharepoint In Detail Microsoft Dynamics NAV is an enterprise resource planning (ERP) software suite for organizations. The system offers specialized functionality for manufacturing, distribution, government, retail, and other industries. Its integrated development environment enables customizations with minimal disruption to business processes. The book starts explaining the new features of Dynamics NAV along with how to create and modify a simple module. Moving on, you will learn the importance of thinking beyond the boundaries of C/AL development and the possibilities opened by with it. Next, you will get to know how COM can be used to extend the functionalities of Dynamics NAV. You'll find out how to extend the Dynamics NAV 2016 version using .NET interoperability and will see the steps required to subscribe to .NET events in order to extend Dynamics NAV. Finally, you'll see the cmdlets available to manage extension packages. By the end of the book, you will have the knowledge needed to become more efficient in selecting the extending methods, developing and deploying them to the Dynamics NAV, and practicing the best practices. Style and approach The book follows a practical recipe-based approach focusing on real-world scenarios and giving you all the information you need to build a strong Dynamics NAV implementation.

Take business intelligence delivery to a new level that is interactive, engaging, even fun, all while driving commercial success through sound decision making. Do this through the power of visualization using this updated edition covering new features and added support for visualization in Excel 2016, and describing the latest developments in Get & Transform and DAX. The example data set has also been updated to demonstrate all that Microsoft's self-service business intelligence suite is now capable of. High Impact Data Visualization in Excel with Power View, 3D Maps, Get & Transform and Power BI, 2nd Edition helps in harnessing the power of Microsoft's flagship, self-service business intelligence suite to deliver compelling and interactive insight with remarkable ease. Learn the essential techniques needed to enhance the look and feel of reports and dashboards so that you can seize your audience's attention and provide them with clear and accurate information. Also learn to integrate data from a variety of sources and create coherent data models displaying clear metrics and attributes. Power View is Microsoft's ground-breaking tool for ad-hoc data visualization and analysis. It's designed to produce elegant and visually arresting output. It's also built to enhance user experience through polished interactivity. Power Map is a similarly powerful mechanism for analyzing data across geographic and political units. Get & Transform lets you load, shape and streamline data from multiple sources. Power Pivot can extend and develop data into a dynamic model. Power BI allows you to share your findings with colleagues, and present your insights to clients. High Impact Data Visualization in Excel with Power View, 3D Maps, Get & Transform and Power BI, 2nd Edition helps you master this suite of powerful tools from Microsoft. You'll learn to identify data sources, and to save time by preparing your underlying data correctly. You'll also learn to deliver your powerful visualizations and analyses through the cloud to PCs, tablets and smartphones. Simple techniques take raw data and convert it into information. Slicing and dicing metrics delivers interactive insight. Visually arresting output grabs and focuses attention on key indicators. What You Will Learn Produce designer output that will astound your bosses and peers. Drive business intelligence from Excel using BI in the Cloud. Gather source data from corporate and public sources. Integrate charts, maps, and tables to deliver visually stunning information. Discover new insights as you chop and tweak your data as never before. Adapt delivery to mobile devices. Outshine competing products and enhance existing skills. Who This Book Is For Any Power BI Desktop, Excel or SharePoint user. Business Intelligence developers, power users, IT managers, finance experts, and more can use this book to outshine the competition by producing high-impact business intelligence reporting on a variety of devices from a variety of sources.

A PICTURE IS WORTH A THOUSAND NUMBERS. VISUALIZE YOUR DATA TO EXTRACT VALUABLE BUSINESS INSIGHTS! Do you want to learn how to visualize your business data, and read them from a fresh perspective? Or understand POWER BI concepts by utilizing the real-world scenarios? Do you want a tool for data visualization accessible and sharable with your team? Power BI is a fantastic Microsoft set of tools to get new insight into your client's business performances, visualize data, and share them with co-workers. This book comprehensively analyzes all the powerful features and tools Power BI has to offer. It includes step-by-step instructions and directions to start a Power BI project, sharing it with other users, and more advanced techniques for transformation and modeling of data. With this book, you will understand how Power BI reports, datasets, and dashboards can be utilized to interact and give useful insights. You will familiarize yourself with all the administration topics and management techniques that are available in Power BI. When you are through with this book, you will already be able to use its powerful features and carry out Power BI projects for your company autonomously. Here are some of the topics that are covered in detail in this book: Intro to Power BI How to Share Dashboard with other users How to load data into Power BI from different data sources Data Transformation Data Modeling How to connect data sources using DirectQuery and Import options Utilizing custom and built-in visuals in designing useful reports Administering a cloud tenant for an organization How to deploy your Desktop files into the Report Server How to build seamless data transformation and retrieval processes This book gives you everything you need for your day-to-day work: easily understandable explanations based on practical, real-life scenarios. It will help you in handling raw data, cleaning,

analyzing, and visualizing it. You will be able to combine functions with Power Pivot and Power query to achieve the business intelligence that will be profitable for your organization. Here are some FAQs people usually ask about this book: Is this book for me? This book is for any professional whose job description contains reporting and performing data analysis daily. Even if you are well-versed with Power BI, this book's resources are guaranteed to give you some new and actionable information. Is this book beginner-friendly? This book contains easy language and takes you step-by-step through the process of learning Microsoft Power BI. This book eases you into the world of Power BI. So, yes. This book is very beginner-friendly. Is learning Power BI difficult? As with every software, there is some learning curve with Power BI too. But, this book is structured so that you can quickly master this software and apply the information in the real-world systematically. So, what are you waiting for? Scroll up and click "Buy Now With 1-Click" to get started!

Direct from Microsoft, this Exam Ref is the official study guide for the new Microsoft 70-778 Analyzing and Visualizing Data with Microsoft Power BI certification exam. Exam Ref 70-778: Analyzing and Visualizing Data with Microsoft Power BI offers professional-level preparation that helps candidates maximize their exam performance and sharpen their skills on the job. It focuses on the specific areas of expertise modern IT professionals need to successfully analyse and visualize data with Power BI, including: Consuming and transforming data with Power BI Desktop: connecting to data sources, performing transformations, and cleansing data Modeling and visualizing data: creating and optimizing data models; creating calculated columns, tables, and measures; creating DAX queries; creating performance KPIs; establishing hierarchies; choosing, creating, and formatting visualizations; managing custom reporting, and more Configuring, publishing, and securing dashboards in the Power BI Service; and configuring organizational content packs and apps Microsoft Exam Ref publications stand apart from third-party study guides because they: Provide guidance from Microsoft, the creator of Microsoft certification exams Target IT professional-level exam candidates with content focused on their needs, not "one-size-fits-all" content Streamline study by organizing material according to the exam's objective domain (OD), covering one functional group and its objectives in each chapter Feature Thought Experiments to guide candidates through a set of "what if?" scenarios, and prepare them more effectively for Pro-level style exam questions Explore big picture thinking around the planning and design aspects of the IT pro's job role

Deep Learning - A 2-book BUNDLE!! Book 1: Analyzing Data with Power BI If you are thinking of doing some data science work, first you have to get familiar with data libraries, various techniques of data modelling, in other words you have to dive into data analysis discipline with some fundamental understanding of this science. This book provides you that, fundamental of business and data analytics and insight into various data models and algorithms all written having a beginner in mind. Further chapters will introduce you to powerful business analytics tool provided by Microsoft Power BI. By the time you are done with the book you will master business analytics modelling with Power BI and share it to other users who are interested in same topic as you are. Data analytics also may be the right answer for you if you are involved in marketing management since it can help you with operating, strategic and financial performance. On the other hand Power BI will let you to ask all the right questions and help you to make wise business decisions. If this sounds good to you, lets dive in together into the data analysis with Power BI. In this book you will learn: Basics of data analysis processes Fundamental data analysis algorithms Basic of data and text mining, data visualization and business intelligence Techniques used for analysing quantitative data Basic data analysis tasks Conceptual, logical and physical data models Power BI service and data modelling Creating reports and visualizations in Power BI Data transformation and data cleaning in Power BI Real world applications of data analysis And much, much more!! Book 2: Convolutional Neural Networks in Python Deep learning has been a great part of various scientific fields and since this is my third book regarding this topic, you already know the great significance of deep learning in comparison to traditional methods. At this point, you are also familiar with types of neural networks and their wide range of applications including image and speech recognition, natural language processing, video game development and other. On the other hand, this book is all about convolutional neural networks and how to use these neural networks in various tasks of automatic image and speech recognition in Python. You will also get a better insight into the architecture of convolutional layers as we are going deeper into this subject. Deep learning is pretty complex subject, but since you already have a fundamental knowledge of this topic, getting to know convolutional neural networks better is next logical step. In this book you will learn: Architecture of convolutional neural networks Solving computer vision tasks using convolutional neural networks Python and computer vision Automatic image and speech recognition Theano and TenroeFlow image recognition How to use MNIST vision dataset What are commonly used convolutional filters And much, much more!! Get this book bundle NOW and SAVE money!! Buy the Paperback version AND get this ebook bundle for FREE!!

Analyze your company's data quickly and easily using Microsoft's latest tools. You will learn to build scalable and robust data models to work from, clean and combine different data sources effectively, and create compelling visualizations and share them with your colleagues. Author Dan Clark takes you through each topic using step-by-step activities and plenty of screen shots to help familiarize you with the tools. This second edition includes new material on advanced uses of Power Query, along with the latest user guidance on the evolving Power BI platform. Beginning Power BI is your hands-on guide to quick, reliable, and valuable data insight. What You'll Learn Simplify data discovery, association, and cleansing Build solid analytical data models Create robust interactive data presentations Combine analytical and geographic data in map-based visualizations Publish and share dashboards and reports Who This Book Is For Business analysts, database administrators, developers, and other professionals looking to better understand and communicate with data

Microsoft Azure HDInsight is Microsoft's 100 percent compliant distribution of Apache Hadoop on Microsoft Azure. This means that standard Hadoop concepts and technologies apply, so learning the Hadoop stack helps you learn the HDInsight service. At the time of this writing, HDInsight (version 3.0) uses Hadoop version 2.2 and Hortonworks Data Platform 2.0. In Introducing Microsoft Azure HDInsight, we cover what big data really means, how you can use it to your advantage in your company or organization, and one of the services you can use to do that quickly–specifically, Microsoft's HDInsight service. We start with an overview of big data and Hadoop, but we don't emphasize only concepts in this book–we want you to jump in and get your hands dirty working with HDInsight in a practical way. To help you learn and even implement HDInsight right away, we focus on a specific use case that applies to almost any organization and demonstrate a process that you can follow along with. We also help you learn more. In the last chapter, we look ahead at the future of HDInsight and give you recommendations for self-learning so that you can dive deeper into important concepts and round out your education on working with big data.

Big Data - 4 book BUNDLE!! Data Analytics for Beginners In this book you will learn: Putting Data Analytics to Work The Rise of Data Analytics Big Data Defined Cluster Analysis Applications of Cluster Analysis Commonly Graphed Information Data Visualization Four Important Features of Data Visualization Software Big Data Impact Envisaged by 2020 Pros and Cons of Big Data Analytics And of course much more! Deep Learning with Keras In this book you will learn: Deep Neural Network Neural Network Elements Keras Models Sequential Model Functional API Model Keras Layers Core Keras Layers Convolutional Keras Layers Recurrent Keras Layers Deep Learning Algorithms Supervised Learning Algorithms Applications of Deep Learning Models Automatic Speech and Image Recognition Natural Language Processing Video Game Development Real World Applications And of course much more! Analyzing Data with Power BI In this book you will learn: Basics of data analysis processes Fundamental data analysis algorithms Basic of data and text mining, data visualization and business intelligence Techniques used for analysing quantitative data Basic data analysis tasks Conceptual, logical and physical data models Power BI service and data modelling Creating reports and visualizations in Power BI Data transformation and data cleaning in Power BI Real world applications of data analysis Convolutional Neural Networks In Python In this book you will learn: Architecture of convolutional neural

networks Solving computer vision tasks using convolutional neural networks Python and computer vision Automatic image and speech recognition Theano and TenroeFlow image recognition How to use MNIST vision dataset What are commonly used convolutional filters Download this book bundle NOW and SAVE money!!

- This is the latest practice test to pass the Microsoft DP-201 Designing an Azure Data Solution Exam. - It contains 145 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt.

Power BI is the most powerful analysis tool on the market. With it, you can make quick analyses and reports, from the simplest to the most complex. By mastering Power BI, you can become an expert in the industry by creating interactive dashboards automatically, without having to do repetitive and manual work in Excel.Thanks to Power BI, Excel can also analyze and prepare large amounts of data. With this book, you get everything you need for everyday work: comprehensive and understandable explanations based on clear, practical scenarios. I will show you how to handle raw data from different data sources and how to clean, link, analyze and visualize them. You will find out how you can efficiently combine Functions with Power Query, Power Pivot, Power BI Desktop, and how to use business intelligence profitably for your company!It is aimed at any professional who needs to report and perform data analysis efficiently. You do not need to have an analyst position in your work portfolio. Even if you already have experience with Power BI, you are sure to get important resources out of this book.As I mentioned above, in this book, you will learn the data analysis process using Power BI Functions and Tools, from how to install and how to schedule automatic updating of your reports to perform analytics.As with every new skill, learning Power BI requires some effort. I have structured the book in such a way that you can master and apply everything in the book in a systemic way.Once complete, you'll be able to use this knowledge in your company and reap the results of high-quality reports, thus ensuring recognition and safety in your field.You will learn how to use the Power BI desktop to bring data in from various sources. You will learn how to create reports and publish them. You will learn how R scripts, parameters, and the Power Query M Formula language fit into Power BI. You will also learn how to use SQL Server data and SQL Server audit data to push your reports and visualizations to another level.Here's what you will learn: A brief introduction to Power BIA brief look at the Power BI building blocksHow to use Power BI DesktopHow to use Power BI ReportsWhat High-Density Line Sampling isHow to connect with Data in Power BIWhat Real-Time Streaming isHow to Push Data in DatasetsHow to use Excel to Publish Into Power BIWorking with R ScriptsWorking with ParametersWorking with SQL Server DataWorking with the Power Query M Formula LanguageHow to Visualize SQL Server Audit DataAnd much moreBy the end of the book, you will have a much deeper understanding of how to leverage Power BI for effective and efficient business intelligence so scroll up and hit that Buy Now button to get started

Understanding your company's data has never been easier than with Microsoft's new Power BI package for Excel 2013. Consisting of four powerful tools—Power Pivot, Power View, Power Query and Power Maps—Power BI makes self-service business intelligence a reality for a wide range of users, bridging the traditional gap between Excel users, business analysts and IT experts and making it easier for everyone to work together to build the data models that can give you game-changing insights into your business. Beginning Power BI with Excel 2013 guides you step by step through the process of analyzing and visualizing your data. Daniel R. Clark, an expert in BI training and a regular speaker on these topics, takes you through each tool in turn, using hands-on activities to consolidate what you've learned in each chapter. Starting with Power Pivot, you will create robust scalable data models which will serve as the foundation of your data analysis. Once you have mastered creating suitable data models, you will use them to build compelling interactive visualizations in Power View. It's often necessary to combine data from disparate sources into a data model. Power Query allows you to easily discover, combine, and refine data from a variety of sources, so you can make accurate judgments with all the available information. Geographical awareness is another common requirement of data analysis. Using Power Maps you will create captivating visualizations that map your data in space and time. Beginning Power BI with Excel 2013 is your practical guide to getting maximum insight from your data, and presenting it with impact.

Power BI is the most powerful analysis tool on the market. With it, you can make quick analyses and reports, from the simplest to the most complex. By mastering Power BI, you can become an expert in the industry by creating interactive dashboards automatically, without having to do repetitive and manual work in Excel.Thanks to Power BI, Excel can also analyze and prepare large amounts of data. With this book, you get everything you need for everyday work: comprehensive and understandable explanations based on clear, practical scenarios. I will show you how to handle raw data from different data sources and how to clean, link, analyze and visualize them. You will find out how you can efficiently combine Functions with Power Query, Power Pivot, Power BI Desktop, and how to use business intelligence profitably for your company!It is aimed at any professional who needs to report and perform data analysis efficiently. You do not need to have an analyst position in your work portfolio. Even if you already have experience with Power BI, you are sure to get important resources out of this book.As I mentioned above, in this book, you will learn the data analysis process using Power BI Functions and Tools, from how to install and how to schedule automatic updating of your reports to perform analytics.As with every new skill, learning Power BI requires some effort. I have structured the book in such a way that you can master and apply everything in the book in a systemic way.Once complete, you'll be able to use this knowledge in your company and reap the results of high-quality reports, thus ensuring recognition and safety in your field.

Any data analytics solution requires data population and preparation. With the rise of data analytics solutions these years, the need for this data preparation becomes even more essential. Power BI is a helpful data analytics tool that is used worldwide by many users. As a Power BI (or Microsoft BI) developer, it is essential to learn how to prepare the data in the right shape and format needed. You need to learn how to clean the data and build it in the structure that can be modeled easily and used high performant for visualization. Data preparation and transformation is the backend work. If you consider building a BI system as going to a restaurant and ordering food. The visualization is the food you see on the table nicely presented. The quality, the taste, and everything else comes from the hard work in the kitchen. The part that you don't see or the backend in the world of Power BI is Power Query. You may be already familiar with some other data preparation and data transformation technologies, such as T-SQL, SSIS, Azure Data Factory, Informatica, etc. Power Query is a data transformation engine capable of preparing the data in the format you need. The good news is that to learn Power Query; you don't need to know programming. Power Query is for citizen data engineers. However, this doesn't mean that Power Query is not capable of performing advanced transformation. Unfortunately, because Power Query and data preparation is the kitchen work of the BI system, many Power BI users skip the learning of it and become aware of it somewhere along their BI project. Once they get familiar with it, they realize there are tons of things they could have implemented easier, faster, and in a much more maintainable way using Power Query. In other words, they learn mastering Power Query is the key skill toward mastering Power BI. We have been working with Power Query since the very early release of that in 2013, named Data Explorer, and wrote blog articles and published videos about it. The number of articles we published under this subject easily exceeds hundreds. Through those articles, some of the fundamentals and key learnings of Power Query are explained. We thought it is good to compile some of them in a book. A good analytics solution combines a good data model, good data preparation, and good analytics and calculations. Reza has written another book about the Basics of modeling in Power BI and a book on Power BI DAX Simplified. This book is covering the data preparation and transformations aspects of it. This book is for you if you are building a Power BI solution. Even if you are just visualizing the data, preparation and transformations are an essential part of analytics. You do need to have the cleaned and prepared data ready before visualizing it. This book is complied into a series of two books, which will be followed by a third book later; Getting started with Power Query in Power BI and Excel (this book) Mastering Power Query in Power BI and Excel (already available to be purchased separately) Power Query dataflows (will be published later) Although this book is written for Power BI and all the examples are presented

using the Power BI. However, the examples can be easily applied to Excel, Dataflows, and other tools and services using Power Query. To get the right insights from your data, you need to model it right. From Power BI to Power Pivot for Excel, Microsoft offers extremely powerful and accessible tools for modeling data. Now, for the first time, there's a complete guide to building exceptionally effective models using Microsoft's tools. World-renowned Microsoft data analytics experts Marco Russo and Alberto Ferrari introduce all the data modeling theory you'll need, and show how to apply it in the context of Microsoft's current and evolving products. Step by step, you'll learn how to transform simple tables into full analytical models of immense power. You'll master data modeling through a collection of realistic scenarios of increasing sophistication. For each, the authors start with a simple "naive" model that can't provide robust solutions. Next, they guide you to update and improve the model, so it can deliver the knowledge and insights you really need."

Analyzing Data with Power BI If you are thinking of doing some data science work, first you have to get familiar with data libraries, various techniques of data modelling, in other words you have to dive into data analysis discipline with some fundamental understanding of this science. This book provides you that, fundamental of business and data analytics and insight into various data models and algorithms all written having a beginner in mind. Further chapters will introduce you to powerful business analytics tool provided by Microsoft Power BI. By the time you are done with the book you will master business analytics modelling with Power BI and share it to other users who are interested in same topic as you are. Data analytics also may be the right answer for you if you are involved in marketing management since it can help you with operating, strategic and financial performance. On the other hand Power BI will let you to ask all the right questions and help you to make wise business decisions. If this sounds good to you, let`s dive in together into the data analysis with Power BI. What you will learn in Analyzing Data with Power BI: Basics of data analysis processes Fundamental data analysis algorithms Basic of data and text mining, data visualization and business intelligence Techniques used for analysing quantitative data Basic data analysis tasks Conceptual, logical and physical data models Power BI service and data modelling Creating reports and visualizations in Power BI Data transformation and data cleaning in Power BI Real world applications of data analysis Get this book today and learn more on Analyzing Data with Power BI !! Buy the Paperback version AND get the eBook for FREE!!

As of 2019, Microsoft's Power BI is the leading analytics and business intelligence platform available on mobile applications, clouds, on-premise data gateway, data modeling applications, report authorizing applications, and other utilities. This book offers a comprehensive analysis of the powerful tools and features contained in Power BI's arsenal. It includes the stepwise directions on how to start a Power BI project and how to share the project with a large number of users. As a reader, the book will get you familiarized with the basic concepts of Power BI and how its datasets, dashboards, and reports can be used to give insights and interactive experiences. This book will help you become conversant with management techniques and administration topics available on Power BI. With the knowledge acquired in the book, you will be able to utilize Power BI's powerful features and carry out successful Power BI projects for your organization. Some of the topics covered in the book include: Introduction to Power BIDashboard Sharing on Power BILoading of Data from different data sources into Power BIData transformationData modeling.Combined together the tutorial topics listed above make a practical and potent beginners guide. The flow of the book is designed for the readers to follow and apply the instructions given as they are reading along. The approach is meant to encourage the reader not only to visualize but also actualize the step-by-step form of instructions given in the book.Thanks to Power BI, Excel can also analyze and prepare large amounts of data. With this book, you get everything you need for everyday work: comprehensive and understandable explanations based on clear, practical scenarios. I will show you how to handle raw data from different data sources and how to clean, link, analyze and visualize them. You will find out how you can efficiently combine Functions with Power Query, Power Pivot, Power BI Desktop, and how to use business intelligence profitably for your company!It is aimed at any professional who needs to report and perform data analysis efficiently. You do not need to have an analyst position in your work portfolio. Even if you already have experience with Power BI, you are sure to get important resources out of this book.As I mentioned above, in this book, you will learn the data analysis process using Power BI Functions and Tools, from how to install and how to schedule automatic updating of your reports to perform analytics.As with every new skill, learning Power BI requires some effort. I have structured the book in such a way that you can master and apply everything in the book in a systemic way.Once complete, you'll be able to use this knowledge in your company and reap the results of high-quality reports, thus ensuring recognition and safety in your field.You will learn how to manage the data sources in Power BI, Q&A for Natural Language Query, Power BI Architecture, Publishing & Scheduling Reports, etc. The book has individual chapters for Power BI Desktop functionalities, Power BI real-time dashboard, Report Generation & Mail, Dynamic low-level security, Toggle buttons, Tooltip features, and more. This book will help you learn the navigation pane, dashboard tiles, designer files, sorting data, scheduling automatic refreshes, and report generation using visualization. You will get to learn exciting details on how to integrate Power BI with SharePoint and Dynamics 365 with a detailed description. After learning the above, you will be able to create a Power BI report and publish them on SharePoint easily.A chapter on Power Query is specifically designed to cover the ETL Process and how you can use it to extract, transform, and effectively load data. It also covers filters and slicers used in Power BI reports. You will be able to implement all the functions in a practical manner.

While Excel remains ubiquitous in the business world, recent Microsoft feedback forums are full of requests to include Python as an Excel scripting language. In fact, it's the top feature requested. What makes this combination so compelling? In this hands-on guide, Felix Zumstein--creator of xlwings, a popular open source package for automating Excel with Python--shows experienced Excel users how to integrate these two worlds efficiently. Excel has added quite a few new capabilities over the past couple of years, but its automation language, VBA, stopped evolving a long time ago. Many Excel power users have already adopted Python for daily automation tasks. This guide gets you started. Use Python without extensive programming knowledge Get started with modern tools, including Jupyter notebooks and Visual Studio code Use pandas to acquire, clean, and analyze data and replace typical Excel calculations Automate tedious tasks like consolidation of Excel workbooks and production of Excel reports Use xlwings to build interactive Excel tools that use Python as a calculation engine Connect Excel to databases and CSV files and fetch data from the internet using Python code Use Python as a single tool to replace VBA, Power Query, and Power Pivot

- This is the latest practice test to pass the DA-100 Analyzing Data with Microsoft Power BI Exam. - It contains 90 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt.

Microsoft Business Intelligence or Power BI is a suite of business analytics tools to analyze data and share insights. Monitor your business and get answers quickly with rich dashboards available on every device. Data Analytics field is growing exponentially! Learn Introduction to Data Analytics Using Power BI Online and Power BI Desktop Power BI (Microsoft Business Intelligence) offers basic data wrangling capabilities similar to Excel's Power Query. It also lets you create interactive visualizations, reports and dashboards with a few clicks or drag-and-drops; type natural-language questions about your data on a dashboard; and handle files that are too large for Excel. Power BI transforms your company's data into rich visuals for you to collect and organize so you can focus on what matters to you. Stay in the know, spot trends as they happen, and push your business further. It can work with dozens of data types -- not only Excel, Access and CSV files, but also Salesforce, Google Analytics, MailChimp, GitHub, QuickBooks Online and dozens

of others. And, it will run R scripts -- meaning that any data you can pull in and massage via R you can import into Power BI We will use New York City Public Data Set as well as existing samples in Power BI So, if you are looking for new ways to seek insights and create powerful visualization on the fly, Power BI is the answer. You can transform your company's data into rich stunning easy to use visuals for you to collect and organize, so you can spot trends, collaborate in new ways, and make sense of your data. Increase your skills This course contains the following lessons: 1) Learn Data Analytics & Microsoft Business Intelligence concepts and application 2) Introduction to Power BI Online, Power BI Desktop, and the Interface 3) Be able to Import data using both Power BI Online and Power BI Desktop 4) Learn the difference between Power BI Online Vs Power BI Desktop 5) Master the skill of transforming Big Data - Real World Data Set (New York City Public data set) 6) Create stunning visualization 7) Using Quick Insights & Analytics 8) Asking Questions from your Big Data using plain English language.... and much more What you'll learn - Understand how to use Power BI Online and Power BI Desktop - Perform Big Data Analytics using Real World Scenario - Transform Big Data and customize - Create Powerful Visualization based on Big Data - Sharing Dashboard with o...

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Introducing Microsoft Power BI enables you to evaluate when and how to use Power BI. Get inspired to improve business processes in your company by leveraging the available analytical and collaborative features of this environment. Be sure to watch for the publication of Alberto Ferrari and Marco Russo's upcoming retail book, Analyzing Data with Power BI and Power Pivot for Excel (ISBN 9781509302765). Go to the book's page at the Microsoft Press Store here for more details:http://aka.ms/analyzingdata/details. Learn more about Power BI at https://powerbi.microsoft.com/.

Leverage the integration of SQL Server and Office for moreeffective BI Applied Microsoft Business Intelligence shows you how toleverage the complete set of Microsoft tools—includingMicrosoft Office and SQL Server—to better analyze businessdata. This book provides best practices for building complete BIsolutions using the full Microsoft toolset. You will learn how toeffectively use SQL Server Analysis and Reporting Services, alongwith Excel, SharePoint, and other tools to provide effective andcohesive solutions for the enterprise. Coverage includes BIarchitecture, data queries, semantic models, multidimensionalmodeling, data analysis and visualization, performance monitoring,data mining, and more, to help you learn to perform practicalbusiness analysis and reporting. Written by an author team thatincludes a key member of the BI product team at Microsoft, thisuseful reference provides expert instruction for more effective useof the Microsoft BI toolset. Use Microsoft BI suite cohesively for more effective enterprisesolutions Search, analyze, and visualize data more efficiently andcompletely Develop flexible and scalable tabular and multidimensionalmodels Monitor performance, build a BI portal, and deploy and managethe BI Solution

In Beginning Big Data with Power BI and Excel 2013, you will learn to solve business problems by tapping the power of Microsoft's Excel and Power BI to import data from NoSQL and SQL databases and other sources, create relational data models, and analyze business problems through sophisticated dashboards and data-driven maps. While Beginning Big Data with Power BI and Excel 2013 covers prominent tools such as Hadoop and the NoSQL databases, it recognizes that most small and medium-sized businesses don't have the Big Data processing needs of a Netflix, Target, or Facebook. Instead, it shows how to import data and use the self-service analytics available in Excel with Power BI. As you'll see through the book's numerous case examples, these tools—which you already know how to use—can perform many of the same functions as the higher-end Apache tools many people believe are required to carry out in Big Data projects. Through instruction, insight, advice, and case studies, Beginning Big Data with Power BI and Excel 2013 will show you how to: Import and mash up data from web pages, SQL and NoSQL databases, the Azure Marketplace and other sources. Tap into the analytical power of PivotTables and PivotCharts and develop relational data models to track trends and make predictions based on a wide range of data. Understand basic statistics and use Excel with PowerBI to do sophisticated statistical analysis—including identifying trends and correlations. Use SQL within Excel to do sophisticated queries across multiple tables, including NoSQL databases. Create complex formulas to solve real-world business problems using Data Analysis Expressions (DAX).

Architect and deploy a Power BI solution. This book will help you understand the many available options and choose the best combination for hosting, developing, sharing, and deploying a Power BI solution within your organization. Pro Power BI Architecture provides detailed examples and explains the different methods available for sharing and securing Power BI content so that only intended recipients can see it. Commonly encountered problems you will learn to handle include content unexpectedly changing while users are in the process of creating reports and building analysis, methods of sharing analyses that don't cover all the requirements of your business or organization, and inconsistent security models. The knowledge provided in this book will allow you to choose an architecture and deployment model that suits the needs of your organization, ensuring that you do not spend your time maintaining your solution but on using it for its intended purpose and gaining business value from mining and analyzing your organization's data. What You'll Learn Architect and administer enterprise-level Power BI solutions Choose the right sharing method for your Power BI solution Create and manage environments for development, testing, and production Implement row level security in multiple ways to secure your data Save money by choosing the right licensing plan Select a suitable connection type—Live Connection, DirectQuery, or Scheduled Refresh—for your use case Set up a Power BI gateway to bridge between on-premises data sources and the Power BI cloud service Who This Book Is For Data analysts, developers, architects, and managers who want to leverage Power BI for their reporting solution

Copyright: f1337c64f326d53fb9ff7b0c7be7f64d