

## Dax Training Learn To Write Dax Book Excelerator Bi

Implement business intelligence (BI), data modeling, and data analytics within Microsoft products such as Power BI, SQL Server, and Excel Key Features Understand the ins and outs of DAX expressions and querying functions with the help of easy-to-follow examples Manipulate data of varying complexity and optimize BI workflows to extract key insights Create, monitor, and improve the performance of models by writing clean and robust DAX queries Book Description Data Analysis Expressions (DAX) is known for its ability to increase efficiency by extracting new information from data that is already present in your model. With this book, you'll learn to use DAX's functionality and flexibility in the BI and data analytics domains. You'll start by learning the basics of DAX, along with understanding the importance of good data models, and how to write efficient DAX formulas by using variables and formatting styles. You'll then explore how DAX queries work with the help of examples. The book will guide you through optimizing the BI workflow by writing powerful DAX queries. Next, you'll learn to manipulate and load data of varying complexity within Microsoft products such as Power BI, SQL Server, and Excel Power Pivot. You'll then discover how to build and extend your data models to gain additional insights, before covering progressive DAX syntax and functions to understand complex relationships in DAX. Later, you'll focus on important DAX functions, specifically those related to tables, date and time, filtering, and statistics. Finally, you'll delve into advanced topics such as how the formula and storage engines work to optimize queries. By the end of this book, you'll have gained hands-on experience in employing DAX to enhance your data models by extracting new information and gaining deeper insights. What you will

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learn Understand DAX, from the basics through to advanced topics, and learn to build effective data models Write and use DAX functions and expressions with the help of hands-on examples Discover how to handle errors in your DAX code, and avoid unwanted results Load data into a data model using Power BI, Excel Power Pivot, and SSAS Tabular Cover DAX functions such as date, time, and time intelligence using code examples Gain insights into data by using DAX to create new information Understand the DAX VertiPaq engine and how it can help you optimize data models Who this book is for This book is for data analysts, business analysts, BI developers, or SQL users who want to make the best use of DAX in the BI and data analytics domain with the help of examples. Some understanding of BI concepts is mandatory to fully understand the concepts covered in the book.

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Active learning lessons for mastering DAX Data analysis expressions (DAX) is the formula language of PowerPivot and this book is written to give hands-on practice to anyone who wants to become competent at writing such formulas. Sample exercises that explain each concept are provided and followed by practice questions and answers to maximize learning and experience with DAX.

DAX is the language of data analysis in Microsoft Power BI, Azure Analysis Services, and Excel Power Pivot. DAX is a powerful language that can quickly empower you to analyze year-over-year or rolling 12 months calculations. It is rare to find an analytics solution using Microsoft technologies (especially Power BI) that doesn't require some calculations to be written by DAX. As a Power BI (or Microsoft BI) developer, it is essential to learn this language and master it. Learning a language is not just learning the structure and functions. It is learning

how, where, and when to use it so that you can solve real-world problems with it. In my training and consulting experience on Power BI, I realized that DAX is the weak point for many Power BI users. DAX itself is not a complex language. It is merely a language of expression. The complexity of learning DAX is not the formula or the functions. It is how to use it in real-world scenarios and how it performs on a dataset or visual. I have been writing many blogs about DAX for many years. My blog articles are all coming from my experience working with Power BI. I found it helpful to compile them all in a book. Because my blog articles practically explain things, I thought it better to title it as a practical way of learning DAX by examples. Indeed, there are books, articles, and Microsoft documentation on how each function works where and how. However, learning these through an example would bring a new way of understanding it. A good analytics solution is a combined outcome of a good data model, good data preparation, and good analytics and calculations. I have written another book about the Basics of modeling in Power BI. This book is covering the calculation and DAX aspects of it. This book is for you if you are building a Power BI solution. Even if you are just visualizing the data, calculations are an essential part of analytics. You do need to have the calculation ready before visualizing it. This is not a book to explain every single function in DAX. The approach in this book is to have practical examples. Every chapter is based on real-world examples of using a combination of functions to solve a challenge. You can start from any chapter and finish at any chapter. The order of chapters suggested in this book is just a guideline to help you have a smooth flow of topics. Each chapter can be read without needing other chapters. Examples of this book are designed in a way that you can use the learning straight away in your Power BI file.

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research literature in the shaping of writing programs. The authors of its program profiles show how innovators at a diverse range of universities on six continents have dealt creatively over many years with day-to-day and long-range issues affecting how students across disciplines and languages grow as communicators and learners.

Nearly half a century has passed since Hymes proposed the concept of communicative competence to describe the knowledge and skills required for the appropriate use of language in a social context. During these decades, a number of scholars have applied and refined this concept. In language education, communicative competence has been identified as a major objective of learning. This book will inform readers about communicative competence as a highly complex construct encompassing an array of sub-competencies such as linguistic skills and proficiencies, knowledge of socio-cultural and socio-pragmatic codes, and the ability to engage in textual and conversational discourse. Findings from research in related disciplines have pointed to the significance of factors that can contribute to the attainment of communicative competence. Various teaching practices and relevant Information and Communication Technology (ICT) tools will be also introduced and discussed to achieve communicative competence as a complex ability. It is a timely contribution to current research on key areas in the teaching, learning and acquisition of second/foreign languages.

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The Rare Materials Collection at the National Library, Singapore, contains more than 11,000 items and spans six centuries of history. The collection comprises books, manuscripts, maps, photographs, correspondence, and more, which together provide us with valuable insights into Singapore's history. This book presents a diverse selection of almost 50 of the rarest and

most priceless items in the collection, including the Mao Kun Map, a recently-acquired Munshi Abdullah edition of the Sejarah Melayu, 19th century lithographs, Japanese reconnaissance maps, correspondence from Raffles, and even a football rule book in Jawi. Each item is described and analysed with an insightful essay and richly complemented with illustrations, helping to bring these stories from the stacks to life and lead us down new avenues of historical understanding.

In this overview of China's education in 2014, reforms in the exam system and institutional configuration are discussed, followed by a close look at equity issues affecting children with special needs, of migrant workers and those living in rural areas.

Microsoft PowerPivot is a free add-on to Excel from Microsoft that allows users to produce new kinds of reports and analyses that were simply impossible before, and this book is the first to tackle DAX formulas, the core capability of PowerPivot, from the perspective of the Excel audience. Written by the world's foremost PowerPivot blogger and practitioner, the book's concepts and approach are introduced in a simple, step-by-step manner tailored to the learning style of Excel users everywhere. The techniques presented allow users to produce, in hours or even minutes, results that formerly would have taken entire teams weeks or months to produce. It includes lessons on the difference between calculated columns and measures; how formulas can be reused across reports of completely different shapes; how to merge disjointed sets of data into unified reports; how to make certain columns in a pivot behave as if the pivot were filtered while other columns do not; and how to create time-intelligent calculations in pivot tables such as "Year over Year" and "Moving Averages" whether they use a standard, fiscal, or a complete custom calendar. The "pattern-like" techniques and best practices contained in this

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book have been developed and refined over two years of onsite training with Excel users around the world, and the key lessons from those seminars costing thousands of dollars per day are now available to within the pages of this easy-to-follow guide. This updated second edition covers new features introduced with Office 2015.

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