

Unlocking the Power of Microsoft Tabular Modeling: A Cookbook by Paul Te Braak



Microsoft Tabular Modeling Cookbook

Over 50 tips and tricks for analytical modeling using Business Intelligence Semantic Models with SQL Server 2012 and PowerPivot

Paul te Braak

[PACKT] enterprise
PUBLISHING

Microsoft Tabular Modeling has revolutionized the world of business intelligence and data analysis, allowing professionals to create intuitive and efficient data models for powerful decision-making. One of the most acclaimed resources in this field is the Microsoft Tabular Modeling Cookbook authored by Paul Te Braak.

In this article, we delve deep into this cookbook and explore how it can enhance your Tabular Modeling skills.

Chapter 1: Understanding the Basics

Before diving into the advanced concepts of Tabular Modeling, Paul Te Braak provides a comprehensive to the basics. He covers the fundamental concepts such as data sources, relationships, and hierarchies. Through step-by-step instructions and practical examples, readers gain a solid foundation in Tabular Modeling.



Microsoft Tabular Modeling Cookbook

by Paul te Braak(Kindle Edition)

★★★★☆ 4 out of 5

Language : English

File size : 32974 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 322 pages



Chapter 2: Implementing Calculations and Measures

Tabular Modeling offers a unique advantage when it comes to creating calculations and measures. In this chapter, Te Braak showcases how to leverage DAX (Data Analysis Expressions) to implement calculations and measures effectively. Whether you're a beginner or a seasoned professional, the cookbook guides you through complex calculations and demonstrates their usage with real-world scenarios.

Chapter 3: Enhancing Data Models with Advanced Techniques

Take your Tabular Modeling skills to the next level with advanced techniques. Te Braak walks readers through various optimization techniques, partitioning of data, and working with advanced relationships. These techniques empower you to build scalable and efficient data models, ensuring optimal performance even with large datasets.

Chapter 4: Designing Data Models for Specific Scenarios

In this chapter, Te Braak dives into designing data models for specific scenarios commonly encountered in business intelligence. From handling budgeting and forecasting systems to creating analytical reports, you'll learn how to structure your data models to cater to specific business needs. Real-world examples and best practices make this chapter a valuable resource for professionals working on specific projects.

Chapter 5: Deploying and Managing Tabular Models

Once you have mastered the art of Tabular Modeling, it's crucial to learn how to deploy and manage your models efficiently. Te Braak shares expert insights on data model deployment, securing your models, and ensuring optimal performance. This chapter equips you with the skills required to take your Tabular Modeling projects from development to production.

Chapter 6: Troubleshooting and Optimizing Performance

No Tabular Modeling project is complete without troubleshooting and optimizing performance. Te Braak provides in-depth guidance on identifying and resolving common issues that may arise during the development or production stages. Learn proven techniques to optimize your models and ensure smooth data processing, ultimately delivering faster and more accurate results.

The Microsoft Tabular Modeling Cookbook by Paul Te Braak is a must-have resource for anyone looking to master the art of Tabular Modeling. With its comprehensive coverage of fundamental concepts, advanced techniques, and real-world scenarios, the cookbook serves as a valuable mentor for professionals in the field. Unlock the power of Microsoft Tabular Modeling and take your data analysis skills to new heights with this indispensable guide!



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In Detail

Business Intelligence Semantic Models (BISM) is a technology that is designed to deliver analytical information to users through a variety of mechanisms that include model structure, definition, and design. This book demonstrates how to create BISM models so that information can be presented to users in an intuitive and easy-to-use format. Once the model is defined, we also show you how it can be managed and maintained so that the data in it remains current and secure.

Microsoft Tabular Modeling Cookbook is an all-encompassing guide to developing, managing, creating, and using analytical models using the Business Intelligence Semantic Model (BISM). This title covers a range of modeling

situations and common data analysis related problems to show you the techniques required to turn data into information using tabular modeling.

Microsoft Tabular Modeling Cookbook examines three areas of tabular modeling: model development, model management and maintenance, and reporting. This book is a practical guide on how to develop semantic models and turn business data into information. It covers all phases of the model lifecycle from creation to administration and finally reporting. It also shows you how to create models which are designed to analyze data.

All sections of BISM modeling from development to management and finally reporting are covered. The sections on development examine a wide range of techniques and tricks required to build models, including moving data into the model, structuring the model to manipulate the data, and finally the formulas required to answer common business questions; all of these are discussed in this book in detail.

Finally, the book examines methods of reporting on the data within the model, including the creation of data-driven workbooks and reports for a powerful end user experience.

Approach

This book follows a cookbook style with recipes explaining the steps for developing analytic data using Business Intelligence Semantic Models.

Who this book is for

This book is designed for developers who wish to develop powerful and dynamic models for users as well as those who are responsible for the administration of models in corporate environments. It is also targeted at analysts and users of

Excel who wish to advance their knowledge of Excel through the development of tabular models or who wish to analyze data through tabular modeling techniques. We assume no prior knowledge of tabular modeling.



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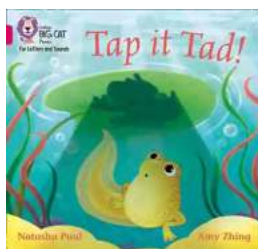
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