

Business Intelligence Avec Excel Power Bi Et Office 365

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Business Intelligence with Excel 2013 – Introduction to Power Pivot Webinar Power BI | Stop met rapporteren in Excel: inzicht in al je data met Power BI Vidéo présentation Excel Power BI MSPTDA #02: Data Analysis Business Intelligence Terms: Microsoft Power Tools for Data Analysis Class Different ways to work with Microsoft Excel in Power BI Business Intelligence (BI) with Excel - Power Query **Rapporteren in Power BI vs Excel | Van A tot Z binnen 5 minuten** Power BI Tutorial for Beginners - Basics and Beyond **How to build Power BI Dashboards – FREE Download Business Intelligence vs. Excel Great Excel Power Query. Power Pivot** **u0026 Power BI Resources Create Power BI Report using Excel Data in less than 10 minutes How to build a Well-Designed and Interactive Excel Dashboard with Pivot Tables and Pivot Charts Introduction to Pivot Tables, Charts, and Dashboards in Excel (Part 1)** Power BI Desktop Data Analysis Visualizations How to build Interactive Excel Dashboards Successful Power BI Implementation [Top 10 Tips] Easily Import Data from Web to Excel (2 Practical Examples) Interactive Excel HR Dashboard - FREE Download Power BI Dashboards - Non-Financial Data Analysis - FREE Download **Interactive Excel Dashboards with Power Query and Power Pivot – FREE Download** Picking Your Platform: Tableau or PowerBI? Power BI course: Business Intelligence with Excel

Excel Business Analytics #39: Import Related Tables: Power Query Merge? Data Model Relationships?

15.2 How to Merge data with Multiple Excel files in Power BI | VLOOKUP with Multiple Excel files

Power BI Tutorial for Beginners: Power Query, Power Pivot, Excel, Power BI (PPEP)

Power Query Overview - Automate Data Tasks in Excel u0026 Power BIExcel Power Query Dashboard - Business Intelligence Clinic Power BI Academy: Analyze In Excel **18.6 Write a Simple M Code in Power Query | M Functions | M Language Tutorial** Business Intelligence Avec Excel Power

5 Business Intelligence Hacks using Excel Power Query 1. Find unmatched items between two data sources. An example of this is where there are two data sources, one being maintained locally, and one being maintained centrally. The local one may simply be an Excel spreadsheet, and the central one may be a SQL Server database.

Excel Power Query: The 5 Hacks for Business Intelligence ...

Six ways Excel users save time with Power BI. Excel is a powerful, flexible tool for every analytics activity. Combine it with Power BI to get broad data analytics and visualization capabilities. Easily gather, shape, analyze, and explore key business data in new ways!all in less time!using both apps together.

Data Visualization with Excel and Power BI | Microsoft ...

Business intelligence in Excel and Excel Services (SharePoint Server 2013) More... Business intelligence (BI) is essentially the collection of tools and processes that are used to gather data and turn it into meaningful information that people can use to make better decisions. Excel 2013 offers lots of new BI features and functionality, making it easier than ever to gather data and use the data to create powerful reports, scorecards, and dashboards.

Business intelligence in Excel and Excel Services ...

In Office 365, the Power Pivot add-in is now built into Excel, you just need to activate it (to activate it, go to File, Options, Add-ins then click "Go"; next, go to Manage Excel Add-ins and then tick "PowerPivot utilities!). For Power BI, simply download the free desktop app.

Business intelligence with Excel and Power BI

Power BI is an advanced version of the analytics tool with a large number of features to play with data. Data Model: Excel is entirely focused on structured and straightforward data models with a wide range of features. Power BI is really focused on data ingest and building potentially complex data models quickly. Separate Table: In Excel, it is difficult to relate the separate table to one another.

What is the difference between Excel and Power BI?

Microsoft Excel includes a powerful feature called Power Query(also known as Get & Transform or Get Data)which provides fast and powerful data gathering and cleansing capabilities. In this course,the first installment in the Excel Business Intelligence series,ifollow along with experienced Excel trainer Chris Dutton as he shows you the robust capabilities of Power Query.

Excel Business Intelligence: Power Query - Lynda.com

Microsoft Excel Power BI (Power Pivot) and Business Intelligence in general is about getting business data to the right people at the right time. Business data is essentially people, product and place details of that data set. A key tool for many successful business is its ability to intelligently research its market and customers.

Excel Business Intelligence & Big Data Analysis

Business intelligence capabilities in Excel 2013 Using Excel 2016, you can create powerful reports, scorecards, and dashboards. You can bring data into Excel, sort, and organize data, and use it to create reports and scorecards. You can also use powerful analytic capabilities in Excel to visualize and explore data.

Business intelligence capabilities in Excel Service ...

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Business Intelligence Avec Excel Power Bi Et Office 365 ...

Analyse de données avec les outils Business Intelligence de Microsoft EXCEL | Power Query successeur du VBA (Macros) S'inscrire pour seulement 19,99 " Dans ce cours, nous explorerons les nouveaux outils de Business Intelligence de Microsoft Excel , le tout basé sur des cas pratiques, des démos et des slides explicatifs.

Excel Business Intelligence : Power Query Power Pivot ...

Power BI is a powerful data analytics tool that is streamlining the way business works with data. In this course, you can learn how to combine the power of a familiar tool, Microsoft Excel, with all the potential offered by Power BI.

Business intelligence (BI) with Excel - Lynda.com

Business Intelligence avec Excel, Power BI et Office 365 Business Intelligence avec Excel, Power BI et Office 365 Jean-Pierre GIRARDOT Business Intelligence avec Excel, Power BI et Office 365 Jean-Pierre GIRARDOT est Consultant indépendant sur "offre décisionnelle Power BI de Microsoft. Ayant créé et géré plusieurs

Business Intelligence avec Excel, Power BI et Office 365 ...

Chris kicks off the course by outlining the power Excel landscape and spelling out when to use business intelligence tools like Power Query, Power Pivot, and DAX. He then dives into Power Query,...

Excel Business Intelligence: Power Query | LinkedIn ...

Self-service business intelligence (BI) features in Microsoft Excel 2013 spreadsheet software make discovering and visualizing data easy. These tools, which include Power Query, Power Pivot, Power View, and Power Map, work seamlessly together to extend BI functionality and help you turn data into meaningful information.

Download Self-Service BI in Excel 2013 from Official ...

If you do want to use Microsoft Excel for self-service business intelligence purposes, it's a good idea to download the PowerPivot add-on. This is what will allow you to construct custom dashboards. It is here where you can post and pin reports formulated from selected data sources.

Microsoft BI Tools | Microsoft Business Intelligence ...

Gain a better understanding of the concepts related to business intelligence " Become aware of the functionality in Excel that supports data analysis and data visualization including: tables, pivot tables, pivot charts, power query, power pivot, and data analytic expressions. " Witness how the excel functionality can be applied in your ...

Business Intelligence " Concepts and Excel Tools

View this demo to see how to record and edit VBA Macros to automate the Power Query Data Import Processor. Want to see more tech tutorials? Subscribe to the ...

Business Intelligence: Automating Power Query with VBA ...

The Report Development Process. Power BI & Excel are so similar, that roughly 80% of a reports development time would be nearly identical between the two tools.. The only real difference in development or design exists at the visualization level, once you've completed your data model.Here's a flowchart showing the typical report development process using either Excel or Power BI.

Dans un environnement numérique mondialisé, l'accès et l'analyse de l'information à la majorité des collaborateurs dans le but de prendre les bonnes décisions le plus rapidement possible est devenu un enjeu pour les entreprises. Pour arriver à cette performance, celles-ci généralisent l'utilisation de solutions de Business Intelligence Libre-Service, notamment avec Power BI de Microsoft, suite logicielle basée sur Excel 2013. Cet ouvrage a comme objectif d'apprendre à chaque décideur de TPE, PME ou Grand-Compte ainsi qu'à tout informaticien impliqué dans un projet BI à valoriser simplement les données, mettre en oeuvre des indicateurs stratégiques, des tableaux de bord efficaces et les diffuser rapidement. A travers des exemples concrets et un scénario "fil-conducteur", ce livre vous apportera la méthodologie pour mettre en place un projet de BI et vous permettra de découvrir l'étendue des apports de l'offre Power BI de Microsoft. Avec Power Query, vous verrez comment récupérer des données de sources diverses, structurées ou non structurées, en local ou sur le Web (FaceBook, Sharepoint, Flux OData, Exchange On-Line...), les préparer et les transformer pour obtenir un modèle de données optimisé facilement exploitable dans Excel ou dans Power Pivot. Avec Power Pivot, vous apprendrez à créer un modèle de données performant, à réaliser de puissantes analyses en utilisant le langage Dax et vous verrez comment déléguer la mise à jour de l'ensemble de vos analyses. Avec Power View et Power MAP, vous apprendrez à réaliser des tableaux de bord interactifs incluant des cartes géographiques. Avec Power Q&A, vous apprendrez à interroger vos modèles de données en langage naturel. Pour finir, vous apprendrez à partager et à publier vos requêtes Power Query, vos tableaux Excel et vos modèles Power View dans votre environnement Power BI permettant un partage et un accès sécurisés à partir d'un simple navigateur.

Ce livre a pour objectif de vous apprendre à analyser des gros volumes de données dans Excel 2013. Loin de l'approche Big Data et de sa complexité de mise en place, PowerPivot permet de démarrer des analyses complexes en quelques secondes sur des données hétérogènes ou même distantes. PowerPivot permet de garder la souplesse d'analyse des tableaux croisés dynamiques d'Excel tout en se basant sur une technologie capable d'agréger plusieurs millions de lignes de données de manière quasi-instantanée. Le premier chapitre vous présentera le module PowerPivot, ses avantages et limitations, et son positionnement par rapport aux solutions de Business Intelligence ou Big Data. Après un chapitre détaillant un exemple plus complet, vous aborderez la gestion des sources de données, puis la mise en relation des sources de données pour des analyses encore plus complètes. Le reporting est une part importante des analyses, et vous étudierez non seulement sa version traditionnelle dans Excel, mais également la nouvelle approche Power View. Enfin, vous aborderez des notions avancées comme l'intégration dans SharePoint, la préparation de données dans Power Query et l'utilisation des services web Excel pour manipuler PowerPivot.

Power Bi Demystified enables you to master business intelligence and leverage the Power BI toolsets. It covers important concepts such as installation, creating data models, building basic dashboards, as well as visualizations so you make informed business decisions.Whether you are a business owner, analyst, or financial analyst, you would like to collate data easily, analyze it, and share it with your colleague in real-time. You would want to do this with software that is easy to operate and publishes data with good visuals in a way that you can understand. Microsoft Power BI allows you to get data from different sources, analyze it, and gives you insights on how your business performance. You can share workspaces with your colleagues, and they can easily access your business reports. It makes collaboration easy. In this book, you will find out what Power BI is, the features, the benefits, and the functions. This book also discusses the different versions of Microsoft Power BI - Power BI Server, Power BI Desktop, Power BI Pro, Power BI Premium, and Power BI Report Server. You will get to know the differences between these versions, their features, benefits, and how to set them up. You can operate these Power BI versions both on cloud and on-premise depending on the features of the versions. You can also share your workspace with as many people as you want. You will get to know which Power BI version best suits your company's needs.Power BI also allows you to ask questions about your data and gives you answers to your question. This is due to the artificial intelligence feature. It also provides you the insight you need to make informed decisions that impact your company's bottom line in a positive way. Microsoft Power BI can also integrate with other on-premise apps on your device so as to enable you to collate data easily. It operates with natural language so that you won't need the help of an expert to operate. If you are looking for an upgrade from your Excel, Power BI is the upgrade you need. This book will guide you on everything you need to know about Power BI, and it gives an easy step-by-step guide on how to install, set-up, and use it. Kindly order your copy to know more about this wonderful data intelligence tool!

Get more out of Microsoft Power BI turning your data into actionable insights About This Book From connecting to your data sources to developing and deploying immersive, mobile-ready dashboards and visualizations, this book covers it all Over 90 hands-on, technical recipes, tips, and use cases from across the Power BI platform including the Power BI Service and Mobile Applications Proven development techniques and guidance for implementing custom solutions with DAX and M languages Who This Book Is For This book is for BI professionals who wish to enhance their knowledge of Power BI beyond and to enhance the value of the Power BI solutions they deliver to business users. Those who are looking at quick solutions to common problems while using Power BI will also find this book to be a very useful resource .Some experience with Power BI will be useful. What You Will Learn Cleanse, stage, and integrate your data sources with Power BI Abstract data complexities and provide users with intuitive, self-service BI capabilities Build business logic and analysis into your solutions via the DAX programming language and dynamic, dashboard-ready calculations Take advantage of the analytics and predictive capabilities of Power BI Make your solutions more dynamic and user specific and/or defined including use cases of parameters, functions, and row level security Understand the differences and implications of DirectQuery, Live Connections, and Import-Mode Power BI datasets and how to deploy content to the Power BI Service and schedule refreshes Integrate other Microsoft data tools such as Excel and SQL Server Reporting Services into your Power BI solution In Detail Microsoft Power BI is a business intelligence and analytics platform consisting of applications and services designed to provide coherent, visual and interactive insights of data. This book will provide thorough, technical examples of using all primary Power BI tools and features as well as demonstrate high impact end-to-end solutions that leverage and integrate these technologies and services. Get familiar with Power BI development tools and services, go deep into the data connectivity and transformation, modeling, visualization and analytical capabilities of Power BI, and see Power BI's functional programming languages of DAX and M come alive to deliver powerful solutions to address common, challenging scenarios in business intelligence. This book will excite and empower you to get more out of Power BI via detailed recipes, advanced design and development tips, and guidance on enhancing existing Power BI projects. Style and approach This book consists of practical recipes on Power BI that target novices as well as intermediate Power BI users. It goes deep into the technical issues, covers additional protocols, and many more real-live examples.

I have been writing and presenting about Row-Level Security in Power BI for many years. Through the comments and feedback I got from my presentations and articles, I felt a need for a place to have everything gathered in one place. The lack of a book that explains everything about the current subject motivated me to end up gathering all my articles in this book. The result is what you are reading. Row-Level Security in Power BI is not about sharing your content. It is, on the other hand, about sharing the same content with a different audience in the way that they see different views of the data. They will have different access to the data. Some of them might see the entire data, and some others might see part of the data that they are authorized to see. Instead of creating multiple reports with the same format, fields, calculations, and visualizations, and only making them different in filtering, the correct way to do it is through row-level security. This will make sure you have the maximum consistency and minimum maintenance for your Power BI project. This is not a book about theories. This is a hands-on book. There are tons of demos and examples with the code samples that you can try. You will learn through this book, what is row-level security. You will learn different types of security and patterns in which you will see the most common challenges for implementing the security and the solution to save them. The book starts with the basics of row-level security, then you will learn about static vs. dynamic row-level security. You will learn patterns such as everyone see their own data, but the manager sees a different view or users and profiles for branch managers. Or the organizational hierarchy, or even the many-to-many relationship challenge of row-level security etc. through this book. This book is not about how to create a report, build a visualization, connect to a dataset, or set up a gateway. If you want to learn those, I do recommend reading my other book: Power BI online book, from Rookie to Rock Star.

This comprehensive and authoritative guide will teach you the DAX language for business intelligence, data modeling, and analytics. Leading Microsoft BI consultants Marco Russo and Alberto Ferrari help you master everything from table functions through advanced code and model optimization. You'll learn exactly what happens under the hood when you run a DAX expression, how DAX behaves differently from other languages, and how to use this knowledge to write fast, robust code. If you want to leverage all of DAX's remarkable power and flexibility, this no-compromise "deep dive" is exactly what you need. Perform powerful data analysis with DAX for Microsoft SQL Server Analysis Services, Excel, and Power BI Master core DAX concepts, including calculated columns, measures, and error handling Understand evaluation contexts and the CALCULATE and CALCULATETABLE functions Perform time-based calculations: YTD, MTD, previous year, working days, and more Work with expanded tables, complex functions, and elaborate DAX expressions Perform calculations over hierarchies, including parent/child hierarchies Use DAX to express diverse and unusual relationships Measure DAX query performance with SQL Server Profiler and DAX Studio

Solve real-world business problems by learning how to create common industry key performance indicators and other calculations using DAX within Microsoft products such as Power BI, SQL Server, and Excel. Key Features Learn to write sophisticated DAX queries to solve business intelligence and data analytics challenges Handle performance issues and optimization within the data model, DAX calculations and more Solve business issues with Microsoft Excel, Power BI, and SQL Server using DAX queries Book Description DAX provides an extra edge by extracting key information from the data that is already present in your model. Filled with examples of practical, real-world calculations geared toward business metrics and key performance indicators, this cookbook features solutions that you can apply for your own business analysis needs. You'll learn to write various DAX expressions and functions to understand how DAX queries

work. The book also covers sections on dates, time, and duration to help you deal with working days, time zones, and shifts. You'll then discover how to manipulate text and numbers to create dynamic titles and ranks, and deal with measure totals. Later, you'll explore common business metrics for finance, customers, employees, and projects. The book will also show you how to implement common industry metrics such as days of supply, mean time between failure, order cycle time and overall equipment effectiveness. In the concluding chapters, you'll learn to apply statistical formulas for covariance, kurtosis, and skewness. Finally, you'll explore advanced DAX patterns for interpolation, inverse aggregators, inverse slicers, and even forecasting with a deseasonalized correlation coefficient. By the end of this book, you'll have the skills you need to use DAX's functionality and flexibility in business intelligence and data analytics. What you will learn Understand how to create common calculations for dates, time, and duration Create key performance indicators (KPIs) and other business calculations Develop general DAX calculations that deal with text and numbers Discover new ideas and time-saving techniques for better calculations and models Perform advanced DAX calculations for solving statistical measures and other mathematical formulas Handle errors in DAX and learn how to debug DAX calculations Understand how to optimize your data models Who this book is for Business users, BI developers, data analysts, and SQL users who are looking for solutions to the challenges faced while solving analytical operations using DAX techniques and patterns will find this book useful. Basic knowledge of the DAX language and Microsoft services is mandatory.

Renowned DAX experts Alberto Ferrari and Marco Russo teach you how to design data models for maximum efficiency and effectiveness. How can you use Excel and Power BI to gain real insights into your information? As you examine your data, how do you write a formula that provides the numbers you need? The answers to both of these questions lie with the data model. This book introduces the basic techniques for shaping data models in Excel and Power BI. It's meant for readers who are new to data modeling as well as for experienced data modelers looking for tips from the experts. If you want to use Power BI or Excel to analyze data, the many real-world examples in this book will help you look at your reports in a different way—like experienced data modelers do. As you'll soon see, with the right data model, the correct answer is always a simple one! By reading this book, you will: □ Gain an understanding of the basics of data modeling, including tables, relationships, and keys □ Familiarize yourself with star schemas, snowflakes, and common modeling techniques □ Learn the importance of granularity □ Discover how to use multiple fact tables, like sales and purchases, in a complex data model □ Manage calendar-related calculations by using date tables □ Track historical attributes, like previous addresses of customers or manager assignments □ Use snapshots to compute quantity on hand □ Work with multiple currencies in the most efficient way □ Analyze events that have durations, including overlapping durations □ Learn what data model you need to answer your specific business questions About This Book □ For Excel and Power BI users who want to exploit the full power of their favorite tools □ For BI professionals seeking new ideas for modeling data

Manage Power BI within organizations. This book helps you systematize administration as Microsoft shifts Power BI from a self-service tool to an enterprise tool. You will learn best practices for many Power BI administrator tasks. And you will know how to manage artifacts such as reports, users, work spaces, apps, and gateways. The book also provides experience-based guidance on governance, licensing, and managing capacities. Good management includes policies and procedures that can be applied consistently and even automatically across a broad user base. This book provides a strategic road map for the creation and implementation of policies and procedures that support Power BI best practices in enterprises. Effective governance depends not only on good policies, but also on the active and timely monitoring of adherence to those policies. This book helps you evaluate the tools to automate and simplify the most common administrative and monitoring tasks, freeing up administrators to provide greater value to the organization through better user training and awareness initiatives. What You Will Learn Recognize the roles and responsibilities of the Power BI administrator Manage users and their work spaces Know when to consider using Power BI Premium Govern your Power BI implementation and manage Power BI tenants Create an effective security strategy for Power BI in the enterprise Collaborate and share consistent views of the data across all users Follow a life cycle management strategy for rollout of dashboards and reports Create internal training resources backed up by accurate documentation Monitor Power BI to better understand risks and compliance manage costs, and track implementation Who This Book Is For IT professionals tasked with maintaining their corporate Power BI environments, Power BI administrators and power users interested in rolling out Power BI more widely in their organizations, and IT governance professionals tasked with ensuring adherence to policies and regulations

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.