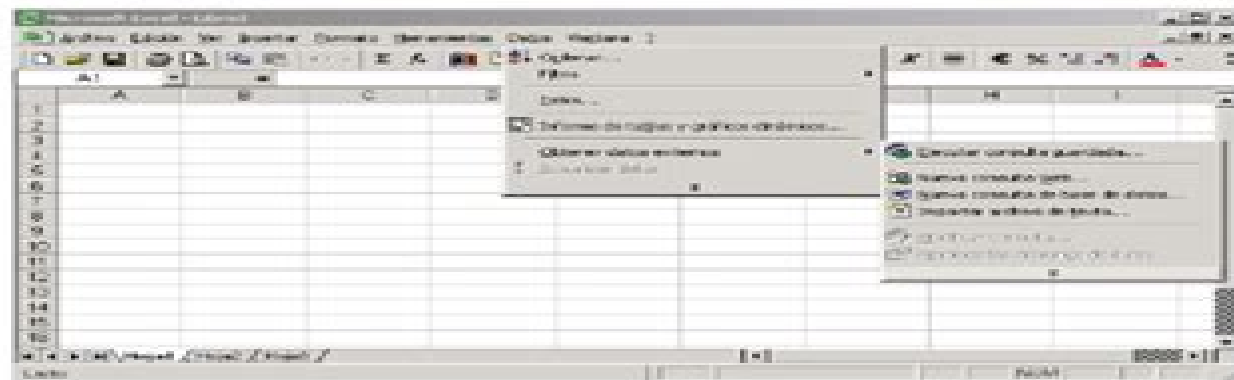


## Manual para trabajar con cubos OLAP desde Excel

Nota: En este ejemplo se utilizó una base de datos de Microsoft © ACCESS, sin embargo, Microsoft Excel permite trabajar con diferentes gestores de bases de datos.

1. Lo primero que tenemos que hacer es establecer la conexión con la base de datos; escogemos, del menú Datos, Obtener datos externos, Nueva consulta de base de datos.



2. Seleccionamos MS Access Database.

# Olap Manual

**Brendan G. Carr**



## Olap Manual:

*Board of Immigration Appeals Practice Manual (Revised: October, 2018)* U.S. Department of Justice, 2019-03-17 Role The Board of Immigration Appeals is the highest administrative body for interpreting and applying immigration laws The Board is responsible for applying the immigration and nationality laws uniformly throughout the United States Accordingly the Board has been given nationwide jurisdiction to review the orders of Immigration Judges and certain decisions made by the Department of Homeland Security DHS and to provide guidance to the Immigration Judges DHS and others through published decisions The Board is tasked with resolving the questions before it in a manner that is timely impartial and consistent with the Immigration and Nationality Act and regulations and to provide clear and uniform guidance to Immigrations Judges DHS and the general public on the proper interpretation and administration of the Immigration and Nationality Act and its implementing regulations 8 C F R 1003.1(d) 1 *Crystal Reports XI Official Guide* Neil FitzGerald, et al., 2006-11-01 The authorized guide to the latest edition of the 1 business intelligence software product Crystal Reports More than 16 million licenses of Crystal Reports have been shipped to date This book is a reference designed to provide hands on guidance for the latest release of the product suite The latest version of Crystal Reports and the Business Objects enterprise reporting suite delivers vast product enhancements and a tighter integration that will drive upgrades from licensees Brand new features e.g. Dynamic and Cascading Parameter Generation will also appeal to new audiences Over 1 million new Business Intelligence licensees will be migrating to the Crystal Enterprise Reporting platform as this is the first release of the software with the existing Business Objects BO products being integrated into the Crystal infrastructure As Business Objects insiders the authors bring unique and valuable real world perspectives on implementations and uses of the Crystal Reports product The book also includes content tutorials and samples for reporting within the Microsoft Visual Studio .NET and J2EE development environments and also on top of the SAP Business Information Warehouse BW and the Peoplesoft platform Advanced content on report distribution and integration into the secured managed reporting solution known as Business Objects Enterprise XI is also now included in this definitive user guide with coverage on the new Web Services SDK A Practical Guide to Relational Database Design Peter Domanski, 2000-04 Advanced Data Mining and Applications Jinyan Li, Xue Li, Shuliang Wang, Jianxin Li, Quan Z. Sheng, 2016-11-17 This book constitutes the proceedings of the 12th International Conference on Advanced Data Mining and Applications ADMA 2016 held in Gold Coast Australia in December 2016 The 70 papers presented in this volume were carefully reviewed and selected from 105 submissions The selected papers covered a wide variety of important topics in the area of data mining including parallel and distributed data mining algorithms mining on data streams graph mining spatial data mining multimedia data mining Web mining the Internet of Things health informatics and biomedical data mining *The Comprehensive Guide to Databases* Ron Legarski, Patrick Oborn, Ned Hamzic, Steve Sramek, Bryan Clement, 2024-09-22 The Comprehensive Guide to Databases offers an in depth exploration into

the dynamic world of database technology This guide is designed for a wide audience from beginners to seasoned professionals aiming to enhance their understanding of database management It covers the foundations of database technology including relational databases NoSQL solutions and advanced topics such as distributed systems big data analytics and the role of AI and machine learning in database management With detailed explanations of key concepts practical applications and real world case studies this book provides readers with the skills necessary to design implement and manage database systems effectively The guide also looks toward the future of database technology examining emerging trends like cloud databases data security and regulatory compliance making it an essential resource for anyone looking to master the art of database management in the modern digital landscape

*Guerrilla Oracle* Richard J. Staron, 2003 CD ROM contains a complete set of the book's code samples scripts and examples

**SAS For Dummies** Stephen McDaniel, Chris Hemedinger, 2010-03-16 The fun and easy way to learn to use this leading business intelligence tool Written by an author team who is directly involved with SAS this easy to follow guide is fully updated for the latest release of SAS and covers just what you need to put this popular software to work in your business SAS allows any business or enterprise to improve data delivery analysis reporting movement across a company data mining forecasting statistical analysis and more SAS For Dummies 2nd Edition gives you the necessary background on what SAS can do for you and explains how to use the Enterprise Guide SAS provides statistical and data analysis tools to help you deal with all kinds of data operational financial performance and more Places special emphasis on Enterprise Guide and other analytical tools covering all commonly used features Covers all commonly used features and shows you the practical applications you can put to work in your business Explores how to get various types of data into the software and how to work with databases Covers producing reports and Web reporting tools analytics macros and working with your data In the easy to follow no nonsense For Dummies format SAS For Dummies gives you the knowledge and the confidence to get SAS working for your organization Note CD ROM DVD and other supplementary materials are not included as part of eBook file

[Computational Intelligent Data Analysis for Sustainable Development](#) Ting Yu, Nitesh Chawla, Simeon Simoff, 2016-04-19 Going beyond performing simple analyses researchers involved in the highly dynamic field of computational intelligent data analysis design algorithms that solve increasingly complex data problems in changing environments including economic environmental and social data Computational Intelligent Data Analysis for Sustainable Development presents novel methodologies for automatically processing these types of data to support rational decision making for sustainable development Through numerous case studies and applications it illustrates important data analysis methods including mathematical optimization machine learning signal processing and temporal and spatial analysis for quantifying and describing sustainable development problems With a focus on integrated sustainability analysis the book presents a large scale quadratic programming algorithm to expand high resolution input output tables from the national scale to the multinational scale to measure the carbon footprint of the entire

trade supply chain It also quantifies the error or dispersion between different reclassification and aggregation schemas revealing that aggregation errors have a high concentration over specific regions and sectors The book summarizes the latest contributions of the data analysis community to climate change research A profuse amount of climate data of various types is available providing a rich and fertile playground for future data mining and machine learning research The book also pays special attention to several critical challenges in the science of climate extremes that are not handled by the current generation of climate models It discusses potential conceptual and methodological directions to build a close integration between physical understanding or physics based modeling and data driven insights The book then covers the conservation of species and ecologically valuable land A case study on the Pennsylvania Dirt and Gravel Roads Program demonstrates that multiple objective linear programming is a more versatile and efficient approach than the widely used benefit targeting selection process Moving on to renewable energy and the need for smart grids the book explores how the ongoing transformation to a sustainable energy system of renewable sources leads to a paradigm shift from demand driven generation to generation driven demand It shows how to maximize renewable energy as electricity by building a supergrid or mixing renewable sources with demand management and storage It also presents intelligent data analysis for real time detection of disruptive events from power system frequency data collected using an existing Internet based frequency monitoring network as well as evaluates a set of computationally intelligent techniques for long term wind resource assessment In addition the book gives an example of how temporal and spatial data analysis tools are used to gather knowledge about behavioral data and address important social problems such as criminal offenses It also applies constraint logic programming to a planning problem the environmental and social impact assessment of the regional energy plan of the Emilia Romagna region of Italy Sustainable development problems such as global warming resource shortages global species loss and pollution push researchers to create powerful data analysis approaches that analysts can then use to gain insight into these issues to support rational decision making This volume shows both the data analysis and sustainable development communities how to use intelligent data analysis tools to address practical problems and encourages researchers to develop better methods

On-line Analytical Processing Systems for Business Robert J. Thierauf, 1997-09-30 On line analytical processing OLAP is clearly a new approach to information system technology offering a much needed way to make informed decisions better and faster One of its most important characteristics is multidimensional analysis analysis that goes beyond the conventional two dimensional analysis and provides users with rapid retrieval of data from organizational databases data warehouses or both Not only that but most importantly says Dr Thierauf it allows users to look at different dimensions of the same data thus enabling them to do analyses across departmental and even corporate boundaries How it works and OLAP s many benefits to aid users in the public and private sectors is spelled out here comprehensively yet concisely and with the author s customary well developed examples and clear prose His book will be important reading for people at all levels of

management and in all types of organizations Another way of viewing OLAP is getting a typical company out of the custom report writing business and into the data cube server building business An OLAP data structure can be thought of as a Rubik's Cube of data that users can twist and twirl in different ways to work through what if and what happened scenarios to get at the whys of the situation Within an OLAP environment the focus is on performing dictionary definition and maintenance as well as mapping flat files or relational columns to dimensions and measures Although this may sound like a lot of work managing one data cube is more efficient than writing a number of custom reports Currently some vendors provide administrative tools to get the data into the cubes in the first place in the proper form and on a regular basis Hence the job of managing data has been simplified for users

**The International Handbook of Electronic Commerce** Jae K. Shim, Anique A. Qureshi, Joel G. Siegel, Roberta M. Siegel, 2013-11-26 The International Handbook of Electronic Commerce covers that hot topic e commerce It is designed to assist managers in implementing electronic commerce in their organizations improving its efficiency and viability and safeguarding and maintaining e commerce systems The book is designed as a practical how to guide offering extensive examples to illustrate practical applications The tools and techniques in this handbook can be adapted outright or modified to suit individual needs Checklists email and website addresses exhibits illustrations and step by step instructions enhance the handbook's practical use Among the topics discussed are what electronic commerce is all about the Internet and access provider industry Intranets and Extranets marketing and advertising electronic data interchange electronic banking and payment systems network security legal taxation and accounting issues of e commerce The combination of growth in the commercial utilization of the Internet the rapid changes in technology and the complexity of management have expanded the scope of duties of business managers To remain competitive businesses and their managers must maintain a presence on the Internet The International Handbook of Electronic Commerce provides readers with a compendium of the latest in current technologies and applications

**Definitive Guide to Excel VBA** Michael Kofler, 2008-01-01 New in the second edition Covers Excel 2000 to 2003 Explains how to access Web Services from Excel programs Shows you how to process lists and XML data with Excel 2003 Microsoft's Excel is not only a powerful spreadsheet and graphics tool it contains a programming language called Visual Basic for Applications VBA which allows you to automate simple tasks and enables you to create full featured applications that make Excel users even more productive In the Definitive Guide to Excel VBA Second Edition veteran author Michael Kofler provides exhaustive coverage of VBA for Excel demonstrating how it can be used to implement real world business solutions Designed to be useful to programmers who have never used VBA before it also covers advanced topics needed for users already familiar with VBA First Kofler introduces VBA and the Excel object model focusing on the unique characteristics of programming and debugging code associated with spreadsheets The next few chapters cover menus toolbars forms and templates the tools for creating customized user interfaces and full featured applications He then moves on to a broad range

of advanced topics including automating graphs and diagrams accessing external databases from Excel and analyzing data using grouping and pivot tables He even covers ActiveX automation and the access of Web Services using the Web Service Toolkit Throughout the book Kofler never loses sight of the real world problems faced by Excel programmers The book also explores ways to avoid undocumented problems that may arise when programming Excel VBA practical knowledge that was gained through years of hard experience

**The Industrial Information Technology Handbook** Richard Zurawski,2018-10-03 The Industrial Information Technology Handbook focuses on existing and emerging industrial applications of IT and on evolving trends that are driven by the needs of companies and by industry led consortia and organizations Emphasizing fast growing areas that have major impacts on industrial automation and enterprise integration the Handbook covers topics such as industrial communication technology sensors and embedded systems The book is organized into two parts Part 1 presents material covering new and quickly evolving aspects of IT Part 2 introduces cutting edge areas of industrial IT The Handbook presents material in the form of tutorials surveys and technology overviews combining fundamentals and advanced issues with articles grouped into sections for a cohesive and comprehensive presentation The text contains 112 contributed reports by industry experts from government companies at the forefront of development and some of the most renowned academic and research institutions worldwide Several of the reports on recent developments actual deployments and trends cover subject matter presented to the public for the first time

**Complete Guide to the CITP Body of Knowledge** Tommie W. Singleton,2017-05-15 Looking for tools to help you prepare for the CITP Exam The CITP self study guide consists of an in depth and comprehensive review of the fundamental dimensions of the CITP body of knowledge This guide features various and updated concepts applicable to all accounting professionals who leverage Information Technology to effectively manage financial information There are five dimensions covered in the guide Dimension 1 Risk Assessment Dimension 2 Fraud Considerations Dimension 3 Internal Controls Information Technology General Controls Dimension 4 Evaluate Test and Report Dimension 5 Information Management and Business Intelligence The review guide is designed not only to assist in the candidate s preparation of the CITP examination but will also enhance your knowledge base in today s marketplace Using the complete guide does not guarantee the candidate of successfully passing the CITP exam This guide addresses most of the subjects on the CITP exam s content specification outline and is not meant to teach topics to the candidate for the first time A significant amount of cooperating and independent readings will be necessary to prepare for the exam regardless of whether the candidate completes the review course or not

**Big Data Analytics** Mr. P. Ezhumalai ,Mr. P. Rajesh ,Mr. Santosh Chidambar Deshpande,Mr. S. Ramesh,Mr. S. Saint Jesudoss,2025-05-05 Big Data Analytics delves deep into the transformative world of data science offering rich insights into how vast volumes of data are collected processed analyzed and translated into actionable intelligence across industries As the digital universe expands at a staggering rate driven by IoT devices social media cloud computing and enterprise systems

the need to extract meaningful patterns and trends from this deluge of information has never been greater Our platform serves as a vital resource for data professionals business leaders researchers and tech enthusiasts seeking to understand the technologies methodologies and real world applications of big data From foundational concepts like distributed computing data warehousing and parallel processing to advanced topics such as artificial intelligence deep learning real time stream analytics and predictive modeling we offer content that is both accessible and technically rigorous We spotlight major tools and frameworks like Hadoop Spark Kafka Hive and NoSQL databases exploring how they are implemented in production environments The publication also dives into data governance quality security and ethical concerns ensuring readers stay informed about responsible data practices Through expert authored articles white papers interviews with industry leaders and in depth case studies we provide a 360 degree view of the data ecosystem Each feature aims to bridge the gap between data theory and practice illustrating how data driven decisions improve business outcomes customer engagement and operational efficiency From optimizing supply chains and forecasting market trends to detecting fraud and personalizing user experiences big data is at the heart of innovation Big Data Analytics covers applications across sectors like healthcare finance manufacturing transportation energy education and e commerce showing how data fuels smarter solutions in both public and private domains Whether it s cloud native data architectures edge computing or hybrid data environments we explore the evolving infrastructure behind scalable analytics Our audience includes not only experienced data scientists and engineers but also business strategists digital transformation officers and students entering the field We believe in democratizing data knowledge by making it comprehensive current and engaging With the integration of machine learning and AI into every facet of modern analytics the future of big data is more dynamic than ever and our publication is here to chart that journey As organizations strive for agility resilience and competitiveness in a data first world understanding how to harness big data becomes a strategic imperative Big Data Analytics stands as your guide in this landscape providing clarity depth and vision in a domain where information is power

**Geographic Data Mining and Knowledge Discovery** Harvey J. Miller, Jiawei Han, 2009-05-27 The Definitive Volume on Cutting Edge Exploratory Analysis of Massive Spatial and Spatiotemporal Databases Since the publication of the first edition of Geographic Data Mining and Knowledge Discovery new techniques for geographic data warehousing GDW spatial data mining and geovisualization GVis have been developed In addition there has been

**Data Mining** Richard J. Roiger, 2017-01-06 Data Mining A Tutorial Based Primer Second Edition provides a comprehensive introduction to data mining with a focus on model building and testing as well as on interpreting and validating results The text guides students to understand how data mining can be employed to solve real problems and recognize whether a data mining solution is a feasible alternative for a specific problem Fundamental data mining strategies techniques and evaluation methods are presented and implemented with the help of two well known software tools Several new topics have been added to the second edition including an introduction to Big Data and data analytics ROC curves Pareto



lift charts methods for handling large sized streaming and imbalanced data support vector machines and extended coverage of textual data mining The second edition contains tutorials for attribute selection dealing with imbalanced data outlier analysis time series analysis mining textual data and more The text provides in depth coverage of RapidMiner Studio and Weka s Explorer interface Both software tools are used for stepping students through the tutorials depicting the knowledge discovery process This allows the reader maximum flexibility for their hands on data mining experience

**Information Retrieval and Management: Concepts, Methodologies, Tools, and Applications** Management Association, Information Resources, 2018-01-05 With the increased use of technology in modern society high volumes of multimedia information exists It is important for businesses organizations and individuals to understand how to optimize this data and new methods are emerging for more efficient information management and retrieval Information Retrieval and Management Concepts Methodologies Tools and Applications is an innovative reference source for the latest academic material in the field of information and communication technologies and explores how complex information systems interact with and affect one another Highlighting a range of topics such as knowledge discovery semantic web and information resources management this multi volume book is ideally designed for researchers developers managers strategic planners and advanced level students

**Discovering SQL** Alex Kriegel, 2011-03-31 Teaching the SQL skills that businesses demand when hiring programmers If you re a SQL beginner you don t just want to learn SQL basics you also want to get some practical SQL skills you can use in the job market This book gives you both Covering the basics through intermediate topics with clear explanations hands on exercises and helpful solutions this book is the perfect introduction to SQL Topics include both the current SQL 2008 standards the upcoming SQL 2011 standards and also how to use SQL against current releases of the most popular commercial SQL databases such as Oracle SQL Server and MySQL Introduces SQL concepts explains SQL statements and clearly shows how to write efficient and effective SQL code Uses a hands on style and a sample database that incorporates all SQL concepts taught in the book this database will be enhanced through the book as key points and lessons are covered Covers topics such as how SQL interacts with the sample database via various interfaces including vendor provided utilities programming languages SQL clients and productivity software Includes appendices with primers on database normalization set theory and boolean algebra RDBMS software step by step setup guides and database connectivity Learn how to write effective efficient SQL code with Discovering SQL A Hands On Guide for Beginners

**SQL** Ryan Turner, 2020-04-12 Are you looking for a dynamic and workable programming language Have you tried a few but none seem to work to your liking Have you considered SQL There are literally thousands of programming languages available in today s market ranging from the simple to the infinitely complex As a beginner you probably want something that is easy to use and to get your head around and SQL or Structured Query Language could be the answer Inside the pages of SQL The Ultimate Beginners Intermediate Expert Guide to Learn SQL Programming Step by Step you ll find a comprehensive guide to get you

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[Liferay Beginner's Guide](#) Robert Chen,Sandeep Nair,2011-12-01 Part of Packt s Beginner s Guide series each chapter follows the creation of a fictional neighbourhood site to demonstrate an aspect of Liferay portal with practical examples screenshots and step by step instructions All you need in order to benefit from the Liferay Beginner s Guide is programming experience No prior knowledge of Liferay is required although experienced Liferay portal programmers who need to get up to speed with its latest features will also find this book useful

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