Querying files

- Direct queries on a local or a distributed file system (HDFS, S3 etc)

- Configure one or more directories in file system as "Workspaces"
  - Think of this as similar to schemas in databases
  - Default workspace points to "root" location

- Specify a single file or a directory as 'Table' within query

- Specify schema in query or let Drill discover it

- Example:

- **SELECT * FROM dfs.users.`/home/mapr/sample-data/profiles.json`**

dfs	File system as data source
users	Workspace (corresponds to a directory)
/home/mapr/sample-data/profiles.json	Table

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Tao Wei

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  Learning Apache Drill Charles Givre,Paul Rogers,2018-11-02 Get up to speed with Apache Drill an extensible distributed SQL query engine that reads massive datasets in many popular file formats such as Parquet JSON and CSV Drill reads data in HDFS or in cloud native storage such as S3 and works with Hive metastores along with distributed databases such as HBase MongoDB and relational databases Drill works everywhere on your laptop or in your largest cluster In this practical book Drill committers Charles Givre and Paul Rogers show analysts and data scientists how to query and analyze raw data using this powerful tool Data scientists today spend about 80% of their time just gathering and cleaning data With this book you ll learn how Drill helps you analyze data more effectively to drive down time to insight Use Drill to clean prepare and summarize delimited data for further analysis Query file types including logfiles Parquet JSON and other complex formats Query Hadoop relational databases MongoDB and Kafka with standard SQL Connect to Drill programmatically using a variety of languages Use Drill even with challenging or ambiguous file formats Perform sophisticated analysis by extending Drill s functionality with user defined functions Facilitate data analysis for network security image metadata and machine learning   **Einführung in SQL** Alan Beaulieu,2021-02-02 Grundlagen und Schl sseltechniken verstehen und mit vielen Beispielen vertiefen Konzepte und typische Arbeitsschritte verst ndlich und kompakt erkl rt Die SQL Beispiele laufen ohne nderungen auf MySQL und ggf mit geringf gigen nderungen auf neueren Versionen von Oracle Database DB2 und SQL Server Mit SQL Daten von diversen Plattformen und nicht relationalen Datenbanken verarbeiten SQL Kenntnisse sind nach wie vor unverzichtbar um das Beste auf Ihren Daten herauszuholen In seinem Handbuch vermittelt Alan Beaulieu die n tigen SQL Grundlagen um Datenbankanwendungen zu schreiben administrative Aufgaben durchzuf hren und Berichte zu erstellen Sie finden neue Kapitel zu analytischen Funktionen zu Strategien f r die Arbeit mit gro en Datenbanken sowie zu SQL und gro en Datenmengen Jedes Kapitel pr sentiert eine in sich geschlossene Lektion zu einem Schl sselkonzept oder einer Schl sseltechnik von SQL und nutzt hierf r zahlreiche Abbildungen und kommentierte Beispiele Durch bungen vertiefen Sie die erlernten F higkeiten   **Learning SQL** Alan Beaulieu,2020-03-04 As data floods into your company you need to put it to work right away and SQL is the best tool for the job With the latest edition of this introductory guide author Alan Beaulieu helps developers get up to speed with SQL fundamentals for writing database applications performing administrative tasks and generating reports You ll find new chapters on SQL and big data analytic functions and working with very large databases Each chapter presents a self contained lesson on a key SQL concept or technique using numerous illustrations and annotated examples Exercises let you practice the skills you learn Knowledge of SQL is a must for interacting with data With Learning SQL you ll quickly discover how to put the power and flexibility of this language to work Move quickly through SQL basics and several advanced features Use SQL data statements to generate manipulate and retrieve data Create database objects such as tables indexes and constraints with SQL schema statements Learn how datasets interact with queries

understand the importance of subqueries Convert and manipulate data with SQL s built in functions and use conditional logic in data statements   *Official Gazette of the United States Patent Office* United States. Patent Office,1973-05   Official Gazette of the United States Patent and Trademark Office United States. Patent and Trademark Office,2001   **Mastering Tableau 2021** Marleen Meier,David Baldwin,Kate Strachnyi,2021-05-31 Build design and improve advanced business intelligence solutions using Tableau s latest features including Tableau Prep Builder Tableau Hyper and Tableau Server Key Features Master new features in Tableau 2021 to solve real world analytics challenges Perform geo spatial time series and self service analytics using real life examples Build and publish dashboards and explore storytelling using Python and R integration support Book Description Tableau is one of the leading business intelligence BI tools that can help you solve data analysis challenges With this book you will master Tableau s features and offerings in various paradigms of the BI domain Updated with fresh topics including Quick Level of Detail expressions the newest Tableau Server features Einstein Discovery and more this book covers essential Tableau concepts and advanced functionalities Leveraging Tableau Hyper files and using Prep Builder you ll be able to perform data preparation and handling easily You ll gear up to perform complex joins spatial joins unions and data blending tasks using practical examples Next you ll learn how to execute data densification and further explore expert level examples to help you with calculations mapping and visual design using Tableau extensions You ll also learn about improving dashboard performance connecting to Tableau Server and understanding data visualization with examples Finally you ll cover advanced use cases such as self service analysis time series analysis and geo spatial analysis and connect Tableau to Python and R to implement programming functionalities within it By the end of this Tableau book you ll have mastered the advanced offerings of Tableau 2021 and be able to tackle common and advanced challenges in the BI domain What you will learn Get up to speed with various Tableau components Master data preparation techniques using Tableau Prep Builder Discover how to use Tableau to create a PowerPoint like presentation Understand different Tableau visualization techniques and dashboard designs Interact with the Tableau server to understand its architecture and functionalities Study advanced visualizations and dashboard creation techniques Brush up on powerful self service analytics time series analytics and geo spatial analytics Who this book is for This book is designed for business analysts business intelligence professionals and data analysts who want to master Tableau to solve a range of data science and business intelligence problems The book is ideal if you have a good understanding of Tableau and want to take your skills to the next level   **Index of Patents Issued from the United States Patent and Trademark Office** United States. Patent and Trademark Office,1984   *Who's who in the West* ,1970   *Index of Patents Issued from the United States Patent Office* United States. Patent Office,1928   **Official Gazette of the United States Patent and Trademark Office** ,1999   **Web-Age Information Management** Yunjun Gao,Kyuseok Shim,Zhiming Ding,Peiquan Jin,Ren Zujie,Yingyuan Xiao,An Liu,Shaojie Qiao,2013-06-12 This book constitutes the refereed proceedings of six workshops of the 14th International

Conference on Web Age Information Management WAIM 2013 held in Beidaihe China June 2013 The 37 revised full papers are organized in topical sections on the six following workshops The International Workshop on Big Data Management on Emerging Hardware HardBD 2013 the Second International Workshop on Massive Data Storage and Processing MDSP 2013 the First International Workshop on Emergency Management in Big Data Age BigEM 2013 the International Workshop on Trajectory Mining in Social Networks TMSN 2013 the First International Workshop on Location based Query Processing in Mobile Environments LQPM 2013 and the First International Workshop on Big Data Management and Service BDMS 2013

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