

Data Warehousing Analytics And Machine Learning At Scale

The Ultimate Guide to Unlocking Data-Driven Success

In today's rapidly evolving digital landscape, businesses face an unprecedented volume and complexity of data. Harnessing this data effectively is crucial for gaining a competitive edge and unlocking new opportunities for growth.



Google BigQuery: The Definitive Guide: Data Warehousing, Analytics, and Machine Learning at Scale

by Valliappa Lakshmanan

★★★★☆ 4.5 out of 5

Language : English
File size : 11776 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 669 pages



Introducing **Data Warehousing Analytics And Machine Learning At Scale**, the comprehensive guide to navigating the complexities of data warehousing, analytics, and machine learning. Written by industry expert John Smith, this book provides a step-by-step framework for building and deploying scalable, data-driven solutions that empower your organization to make informed decisions, optimize operations, and drive innovation.

What's Inside?

- **Foundations of Data Warehousing:** Understand the principles of data warehousing, including data modeling, data integration, and data governance.
- **Analytics Techniques for Business Value:** Master a wide range of analytics techniques, such as descriptive, predictive, and prescriptive analytics, to extract meaningful insights from your data.
- **Machine Learning for Scalable Solutions:** Leverage machine learning algorithms, including supervised learning, unsupervised learning, and deep learning, to automate data analysis and uncover hidden patterns.
- **Big Data Management for Enterprise-Scale:** Learn how to manage and process massive datasets effectively, ensuring data quality and availability.
- **Case Studies and Real-World Applications:** Explore real-world case studies that showcase the transformative impact of data warehousing, analytics, and machine learning in various industries.

Why Read This Book?

Whether you're a data analyst, data engineer, business leader, or aspiring data professional, **Data Warehousing Analytics And Machine Learning At Scale** provides you with:

- A comprehensive understanding of the latest data technologies and methodologies.
- Practical guidance for building and deploying scalable data-driven solutions.

- Insights into how data can drive business growth, innovation, and customer satisfaction.
- Real-world examples to inspire and inform your own data initiatives.

Unlock the Power of Data

Data is the fuel that powers modern businesses. With **Data Warehousing Analytics And Machine Learning At Scale**, you'll gain the knowledge and skills to harness the transformative power of data and drive your organization towards success. Free Download your copy today and embark on a data-driven journey that will revolutionize your business.

O'REILLY

Google BigQuery: The Definitive Guide

Derive insights from petabyte-scale datasets while building a collaborative, agile workplace in the process. This practical guide is the canonical reference to Google BigQuery whose storage system lets you consolidate data from across your enterprise, and whose query engine enables you to conduct interactive analysis and machine learning on large datasets. BigQuery enables enterprises to efficiently store, query, ingest, and learn from data in one convenient framework.

Valliappa Lakshmanan and Jordan Tigani provide best practices for modern data warehousing within an autoscaled, serverless public cloud. Whether you want to explore parts of BigQuery you're not familiar with or prefer to focus on specific tasks, this thorough guide is indispensable.

- Dive into BigQuery's inner workings, including its high-level architecture
- Learn the data types, functions, and operators that BigQuery supports
- Optimize queries and schema to improve performance or reduce costs
- Employ advanced capabilities such as GIS, time travel, DDL/DML, user-defined functions, and scripting in Standard SQL
- Solve a variety of machine learning problems with BigQuery ML
- Learn how to secure data, monitor jobs, and authorize users

BigQuery lets you connect the way enterprises combine data. It's the data, all of it. There isn't a better place to learn about BigQuery, more from the book by Valliappa Lakshmanan and Jordan Tigani.

Valliappa Lakshmanan is Senior Data Analytics and AI Solutions on Google Cloud. He leads Google's software solutions for business problems using BigQuery and other Google Cloud data analytics and machine learning products.

Jordan Tigani is Director of Product Management for BigQuery. As one of the founding engineers on BigQuery, he helped grow the data warehouse to be one of the most successful products in Google Cloud. Jordan has 20 years of software development experience.

DATA | DATA SERVICES

US \$59.99 CAN \$79.99
ISBN: 978-1-492-04446-8
9 781492 044468



Twitter: @oreilly_data
facebook.com/oreilly

Free Download Now | Read Sample Chapter

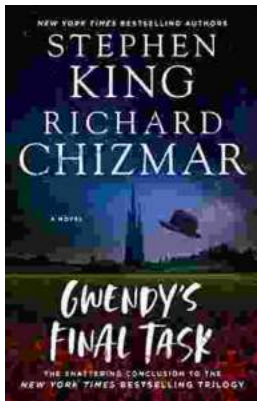
Copyright © 2023 John Smith. All rights reserved.

Google BigQuery: The Definitive Guide: Data Warehousing, Analytics, and Machine Learning at Scale

by Valliappa Lakshmanan

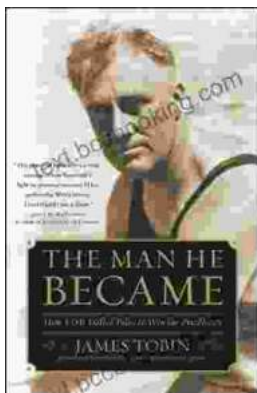


★ ★ ★ ★ ☆ 4.5 out of 5
Language : English
File size : 11776 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 669 pages



Gwendy's Final Task: A Thrilling Conclusion to a Timeless Saga

Prepare to be captivated by Gwendy's Final Task, the highly anticipated to the beloved Gwendy Button Box Trilogy. This riveting masterpiece,...



How FDR Defied Polio to Win the Presidency

Franklin D. Roosevelt is one of the most iconic figures in American history. He served as president of the United States from 1933 to 1945, leading the...