

Updated 06/19/2024

Sign up

Remio training

2 days (14 hours)

Presentation

Our Demio training course will enable you to master a complex data management platform designed to accelerate data access within your organization. With Demio, you can avoid cumbersome [ETL processes](#) and manipulate data from different sources without having to move it.

This program will introduce you to Dremio and its solutions, the user interface, benefits and use cases in Big Data environments, as well as architecture and key components. You'll also learn about its installation process on various environments (local and cloud), initial configuration and data sources.

Our training also covers advanced functions such as using the unified data catalog, creating and managing datasets and SQL transformations.

Like all our training courses, it will be run on the latest version of the tool: [Dremio 24](#).

Objectives

- Configuring Dremio for your big data environment
- Using SQL transformations
- Integrate Dremio with data analysis tools

Target audience

- **Data Analysts**
- Data Engineers

Prerequisites

- Knowledge of SQL databases
- Knowledge of BI tools

OUR DREMIO TRAINING PROGRAM

INTRODUCTION TO DREMIO

- Introducing Dremio and its solutions
- Dremio user interface overview
- Key benefits and use cases for Dremio in Big Data environments
- Understand Dremio's architecture and key components
- Dremio's scalability and performance

INSTALLATION AND CONFIGURATION

- System requirements
- Detailed process for installing Dremio on various environments
 - Local
 - Cloud
- Initial configuration and installation check
- Data source configuration
- Safety parameters

NAVIGATION AND DATA MANAGEMENT

- Using the unified data catalog for data discovery
- Create and manage physical and virtual datasets
- SQL transformations
- Overview of curation tools
- Using Dremio's Web interface

FASTER QUERIES

- Understand the concept of data reflection for query acceleration
- Configuration of reflections on different types of storage (HDFS, S3, etc.)
- Strategies for optimizing query performance
- Analysis of the impact of reflections on response times
- Managing and maintaining reflections on Dremio

INTEGRATION

- Connection to BI tools such as Tableau and Power BI
- Use ODBC, JDBC and REST connectors for integration

- Integration with clusters such as Elasticsearch
- Best practices for exploiting data in analytical tools
- Practical examples of data analysis using external tools

BEST PRACTICES, SAFETY AND COLLABORATION

- Best practices for data analysis
- Access rights management
- Efficient collaboration and sharing of data sets within teams
- Solving complex analytical use cases
- Discussion of update and maintenance strategies

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.