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Sign up

Fivetran training

2 days (14 hours)

Presentation

Discover our Fivetran training course to excel in your [data integration](#) missions. Fivetran is one of the most powerful Big Data tools available if you want to master your ETL processes.

During our training course, you'll discover this tool with its key functions, connectors and pre-built diagrams. You'll learn the fundamental concepts of Fivetran, such as how to control data connection and synchronization. You'll also learn how to efficiently configure your connectors and destinations, in particular via Snowflake.

We'll teach you the best practices of the service, especially in terms of security and usage. You'll learn all about [pricing](#) and team administration. What's more, you'll discover how it can be used for business analysis (Business Intelligence).

Objectives

- Understanding Fivetran's role in ETL
- Master Fivetran's architecture and fundamental concepts
- Configure connectors and manage data destinations
- Understanding Fivetran pricing.

Target audience

- Data engineer
- Data scientists
- Data analysts

Prerequisites

Knowledge of databases.

FIVETRAN TRAINING PROGRAM

INTRODUCTION TO FIVETRAN

- Introducing Fivetran
- Definition of ETL (Extraction, Transformation, Loading) and the role of Fivetran
- Create a free Fivetran account and get started quickly
- Overview of Fivetran's key features (connectors, pre-built schematics, technical support)
- The importance of data integration and the challenges faced by data professionals

FIVETRAN ARCHITECTURE AND BASIC CONCEPTS

- Explanation of architecture (source, connectors, destination, data transmission)
- Understanding the fundamentals and integrating Fivetran into the Big Data ecosystem
- Differences between push and pull connectors
- Synchronization management and data planning

CONNECTOR CONFIGURATION AND DESTINATION MANAGEMENT

- Setting up a source-to-destination connector, with demonstration on Google Sheets and Snowflake
- Understanding the different data storage options supported by Fivetran
- Destination configuration and management (Snowflake, Redshift, etc.)
- Added connectors for Salesforce and Amazon S3

USAGE-BASED PRICING AND ACCOUNT MANAGEMENT

- Understand Fivetran's pricing model and how it can affect project costs
- User management, custom roles, notifications and alerts
- Creating and managing a managed destination
- Manage and schedule data synchronization

PRACTICAL USE OF FIVETRAN

- Daily use of Fivetran for data integration
- Setting up data transformations with Fivetran and dbt
- Log interpretation for debugging and monitoring data processes
- Interact with Fivetran via its API to automate tasks or integrate with other systems

SAFETY AND COMPLIANCE

- Good security practices to protect your data
- Fivetran security features and regulatory compliance
- Local data processing and High Volume Replication

INTEGRATION WITH BI

- Integrating Fivetran with Business Intelligence (BI) tools
- Use of solutions built by Fivetran partners
- Integration case studies with BI tools

REVISION AND QUIZ

- Review of key training points
- Interactive quiz to test acquired knowledge
- Discussion and clarification of questions and answers

Companies concerned

This training 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.