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Sign up

Rivery ELT Training

3 days (21 hours)

Presentation

Simplify the data collection and transformation process for your business. With our Rivery ELT training, you'll be able to connect different data sources and turn them into actionable insights.

During the course, you'll discover key functionalities such as workflow creation, automated data integration and connection management to various data sources such as SQL and NoSQL databases.

You'll learn about advanced concepts such as version management, workflows, orchestration of complex data tasks and the use of specific transformations to optimize performance and data quality.

By the end of this course, you'll be able to design, implement and [monitor](#) robust data integration [pipelines](#).

Like all our training courses, this one will focus on the [latest developments](#) in the Rivery ELT tool.

Objectives

- Configure and optimize data storage targets
- Understand the main features and benefits of the tool
- Apply security and administration best practices
- Efficiently create and manage Rivers for data integration

Target audience

- Data engineers

- Data analysts

Prerequisites

- Basic understanding of data management concepts
- Familiarity with data storage systems

RIVERY ELT TRAINING PROGRAM

INTRODUCTION TO RIVERY

- The ELT process vs. the ETL process
- Overview of Rivery
- Navigating the Rivery user interface
- Rivery's main features and benefits
- Differences between Rivery and other ELT tools
- Use cases

RIVER MANAGEMENT

- Understanding the creation and management of Rivers
- Rivers types
 - Data Rivers
 - Logic Rivers
- Rivers configuration and optimization
- Troubleshooting common problems
- Practical examples of Rivers configuration

CONNECTION TO DATA SOURCES

- Overview of sources supported by Rivery (databases, SaaS, files)
- Connect Rivery to different data sources
- Best practices for efficient data extraction
- Error and performance management during extraction
- Case study: connecting to a specific data source

TARGET CONFIGURATION

- Overview of data warehousing systems (Snowflake, Google BigQuery, Amazon Redshift, etc.).
- Target configuration and optimization in Rivery
- Best practices for data loading
- Monitoring and optimizing loading performance
- Practical exercise on data loading

ADMINISTRATION AND SECURITY

- User management, roles and permissions
- Best practices for securing access to data and functionality
- Configuring work environments
- Safety strategies for Rivery
- Setting up a secure environment

USE OF API REST DE RIVERY

- Introduction to Rivery's REST API
- Automation of tasks and workflows via API
- Examples of integration scripts
- Best practices for using the API
- Creating a simple workflow

TRACKING UPDATES AND CHANGES

- Importance of API release notes and change logs
- Strategies for keeping up to date with Rivery features
- Impact of updates on existing processes and workflows
- Schedule an update

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 inputs from the trainer supported by examples and

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.