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Sign up

Airbyte training: The data integration platform

1 day (7 hours)

Presentation

Our Airbyte training course will teach you how to use this open source data integration platform for ELT pipelines, APIs and databases.

By the end of our course, your team will be able to synchronize data from the largest source catalogs using their databases.

You'll discover best practices for creating or customizing a catalog. You'll also be able to design a [connector catalog](#) very quickly.

Save considerable time with customized connectors that let your engineering teams focus on your organization's key issues.

Our Airbyte course will teach you about the latest stable version of the tool, [Airbyte v.0.50.12](#).

Objectives

- How to create a connector
- Understanding how to synchronize data
- How to use Airbyte Cloud
- Be able to deploy Airbyte

Target audience

- Data engineer
- Data scientists
- Data analysts

Prerequisites

Knowledge of databases.

Airbyte training program

Connector catalog

- Customizing a connector
- Destination
- Sources

Catalog construction

- Connector development in basic code
- Connector development kit
- Testing connectors
- Metadata.yaml connector file
- Best practices
- References

Airbyte Cloud

- Basic concepts
- Using Airbyte Cloud
- Synchronization management
- View synchronization summary
- Data residency management
- Using dbt Cloud integration
- The limits of Airbyte Cloud

Deploy Airbyte

- Add a destination
- Add a source
- Establishing a connection

Airbyte management

- Upgrade
- Configurations
- Using Airbyte Operator to orchestrate Airbyte OSS

- Metrics collection
- Transformation and standardization
- Output logs
- Troubleshooting

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.