

dbt Essentials for Analytics Engineers

dbt Cloud brings software engineering principles into the analytics world such as version-controlled models, reproducible pipelines and verified data quality. In this hands-on training you will learn how to build robust transformations with dbt Cloud, starting from the interface and your first models and as well as continuing with tests, incremental pipelines and deployment.

What can you expect from the training?

- **Live and hands-on.** You will work directly in dbt Cloud with short inputs, guided exercises and Q&A.
- **Quality and maintainability.** You will create, apply and debug tests, generate documentation and organize models in a clear structure.
- **Everyday efficiency.** You will use incremental models, packages and macros in a meaningful way to build repeatable and high-performing workflows.
- **From development to production.** You will understand and apply version control with Git, CI, environments, job scheduling and integrations including Tableau.

Who is this training for?

This training is designed for analytics engineers, data engineers, analysts and anyone interested in professionally setting up and managing transformations with dbt Cloud.

Requirements

- Your own laptop for the exercises
- Basic SQL knowledge. Participation without SQL knowledge is possible, although SQL is required for active work with dbt.

Agenda

09:30 – 11:30

Introduction to dbt Cloud

Explore the dbt Cloud interface, connect to data sources, run your first models and generate documentation.

11:30 – 12:30

Testing and debugging

Learn how to create, apply and debug tests in dbt Cloud to ensure data quality and reliability.

12:30 – 13:15

Lunch break

Free lunch and networking.

13:15 – 14:30

Incremental models, packages and macros

Work with incremental models, use packages and write simple macros to build repeatable workflows.

14:30 – 15:30

Deployment and integrations

Get an overview of version control, scheduling and environments in dbt Cloud and see how it integrates with tools such as Tableau.

Details

Date: 29 January 2026

Time: 09:00–15:30

Location: TIL Office, Kaiser-Wilhelm-Straße 93, 20355 Hamburg

Language: English

Price: Free of charge