

Updated on 05/11/2026

Sign up

Tableau Data Visualization Training - Advanced

2 days (14 hours)

Overview

Advanced data visualization with Tableau enables you to design complex, high-performance, and automated dashboards to meet demanding business needs.

Our Advanced Data Visualization with Tableau training will help you master complex visualizations, the integration of multiple data sources, and report automation.

You will learn how to optimize your dashboards, structure your data, improve performance, and automate the publication and updating of your analyses.

Upon completion of the course, participants will be able to optimize and automate dashboards.

Like all our courses, this one will introduce you to **the latest stable version** of the technology and its new features.

Objectives

- Create complex visualizations.
- Automate publishing and reporting.
- Integrate multiple data sources.

Target Audience

- Experienced analysts

Prerequisites

- Completion of the Tableau Intermediate course or equivalent knowledge

Technical prerequisites

- A computer with at least 8 GB of RAM; 16 GB recommended
- 5 GB of available disk space if Tableau Desktop is installed locally
- Windows or macOS for a local installation of Tableau Desktop
- On Linux: access to Tableau via a lab environment, DaaS, or virtual machine
- A stable internet connection
- A modern browser; Chrome is recommended for labs

Data Visualization with Tableau Training Program - Advanced

[Day 1 - Morning]

Complex visualizations and advanced calculations

- Creating complex visualizations
- Advanced calculations and analytical logic
- Using LODs (Levels of Detail)
- Managing advanced filters
- Combining visualizations
- Hands-on workshop: Creating advanced visualizations.

[Day 1 - Afternoon]

Integrating multiple data sources

- Connecting to multiple data sources
- Joins and relationships
- Data modeling
- Managing data volumes
- Structuring datasets
- Hands-on workshop: Multi-source integration.

[Day 2 - Morning]

Dashboard optimization

- Performance analysis

- Query optimization
- Reducing load times
- Tableau best practices
- Extract management
- Hands-on workshop: Optimizing a dashboard.

[Day 2 - Afternoon] Automation

and industrialization

- Automating publication
- Report Management
- Tableau Server / Tableau Cloud
- Access management and distribution
- Dashboard Deployment
- Hands-on workshop: Deploying a dashboard.

Target Audience

This training is intended for both individuals and companies, large or small, seeking to train their teams in new advanced IT technologies or to acquire specific business knowledge or modern methodologies.

Assessment upon enrollment

The pre-training assessment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency in various types of technologies, as well as their expectations and personal goals regarding the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could pose challenges for monitoring and ensuring the smooth running of the training session.

Teaching Methods

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

Organization

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

Assessment

At the end of the session, a multiple-choice questionnaire is used to verify that the skills have been properly acquired.

Certification

A certificate will be issued to each trainee who has completed the entire training program.