

Mastering Tableau Desktop (Advanced)

Learn to connect, analyse and visualize data in Tableau Desktop, from filters and dashboards to advanced calculations and publishing.

5 Days

40 HOURS

12

MODULES

27

TOPICS

COURSE OVERVIEW

This 5-day Tableau Desktop Specialist training program is designed to provide participants with a comprehensive understanding of Tableau Desktop for data analysis and visualization. Through hands-on activities and real-world examples, participants will learn to connect to data sources, design effective dashboards, apply advanced analytics, and publish insights for consumption across the organization.

WHO THIS COURSE IS FOR

This course is intended for:

Aspiring data analysts and business intelligence professionals

Report developers, data visualization specialists, and dashboard designers

Business users looking to analyze data and generate insights using Tableau

Professionals preparing for the Tableau Desktop Specialist certification

PREREQUISITES

To get the most out of this training, participants should have:

- Basic understanding of data concepts (e.g., rows, columns, joins)
- Familiarity with Excel or any tabular data format
- No prior Tableau experience is required, though it is helpful

LEARNING OBJECTIVES

- Connect to data sources and customise data extracts
- Create groups, hierarchies and custom date fields
- Filter and sort data within views
- Build charts such as scatter plots, maps and bullet graphs
- Apply reference lines, histograms and box and whisker plots
- Join, union and blend tables without a common field
- Apply FIXED LOD calculations and trend line forecasts
- Build interactive dashboards with actions and performance tuning

12 Modules, 27 Topics

DAY 1

Tableau Fundamentals & Data Connectivity

8 hours

00

Revisit Tableau Basics

01

Get Started and Connect to Data

TOPICS

Introduction to Tableau Desktop · Connecting to data · Customizing data sources · Working with Data Extracts

02

Organize Data and Create Filters

TOPICS

Creating groups and hierarchies · Filtering and sorting · Working with Dates · Creating custom date fields and hierarchies

DAY 2

Charts, Maps, and Visualization Essentials

8 hours

03

Create Basic Charts

TOPICS

- Comparing multiple measures in Views
- Using scatter plots, text tables, highlight tables
- Creating symbol, filled, and density maps
- Using bar-in-bar charts and bullet graphs

05

Apply Analytics and Modify Data Connections

TOPICS

Highlighting with reference lines and bands · Using histograms and box & whisker plots · Creating relationships between tables · Joining and Unioning tables

New Topics Added

TOPICS

- Blend data sources without a common field
- Make projections using trend lines and forecasts
- Apply FIXED LOD calculations to analyze data in cohorts

Other Advanced Topics

TOPICS

- Parameters and dynamic interactivity (Moved from Module 4)
- Creating calculated fields with real-time scenarios
- Use cases of Date and aggregate functions

New Topic Added

TOPICS

- Use layout containers to build professional and efficient dashboards
- **Dashboard principles:** usability, layout, and efficiency
- Creating interactive dashboards using actions
- Storytelling with data
- Tips for performance tuning dashboards

07

Publishing, Securing, and Certifying Data Sources

08

Publishing Workbooks

09

Reviewing Recommended Data Sources and Revision History

Working with Schedules, Tasks, and Jobs

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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