KOENIG SOLUTIONS · COURSE OUTLINE

Tableau Desktop (Advanced Techniques)

Learn to connect, blend and join data in Tableau Desktop, then build advanced calculations, statistical analyses and enriched dashboards.

2 Days	16	41
DURATION	MODULES	TOPICS

COURSE OVERVIEW

As technology progresses and becomes more interwoven with our businesses and lives, more data is collected about business and personal activities. This era of “big data” exploded due to the rise of cloud computing, which provides an abundance of computational power and storage, allowing organizations of all sorts to capture and store data. Leveraging that data effectively can provide timely insights and competitive advantage. The creation of data-backed visualizations is a key way data scientists, or any professional, can explore, analyse, and report insights and trends from data. Tableau® software is designed for this purpose. Tableau was built to connect to a wide range of data sources and allows users to quickly create visualizations of connected data to gain insights, show trends, and create reports. Tableau’s data connection capabilities and visualization features go far beyond those that can be found in spreadsheets, allowing users to create compelling and interactive worksheets, dashboards, and stories that bring data to life and turn data into thoughtful action.

WHO THIS COURSE IS FOR

- Data Analysts
- Business Intelligence Developers
- Data Scientists
- Report Developers
- Dashboard Designers

LEARNING OBJECTIVES

What You Will Learn

In this course, you will visualize data with Tableau. You will:

- Identify basic Tableau capabilities
- Connect to and prepare data
- Explore data with views and visualizations
- Manage, sort, and group data
- Save, publish, and share data sources and workbooks
- Filter data in views
- Customize visualizations with annotations, highlights, and advanced features
- Create and enhance dashboards in Tableau
- Create and enhance stories in Tableau

COURSE SYLLABUS

16 Modules, 41 Topics

DAY 1 Tableau Fundamentals

01

Tableau Fundamentals

TOPICS

- Overview of Tableau
- Navigate the Tableau Interface and Configure Settings

02

Connecting to and Preparing Data

TOPICS

Connect to Data · Prepare Data for Analysis · Save Workbook Files

03

Exploring Data

TOPICS

Create a View · Customize Data in Visualizations

04

Managing, Sorting, and Grouping Data

TOPICS

Adjust Fields · Sort Data · Group Data

05

Saving and Sharing Data

TOPICS

Save and Publish Data Sources · Share Workbooks for Collaboration

06

Filtering Data

TOPICS

Configure Worksheet Filters · Apply Advanced Filter Options · Create Interactive Filters

07

Customizing Visualizations

TOPICS

Format and Annotate Views · Highlight Data · Create Advanced Visualizations

08

Creating Maps, Dashboards, and Stories

TOPICS

Create Maps · Create Dashboards · Create Stories

DAY 2

Advanced Tableau Techniques

09

Blending Data to Visualize Relationships

TOPICS

Blend Data · Troubleshoot and Refine Data Blends

10

Joining Data

TOPICS

Create Joins · Troubleshoot Joins · Merge Data with Unions

11

Accessing Data in PDFs

TOPICS

Connect to PDFs · Clean Up and Organize PDF Data

12

Refining Visualizations with Sets and Parameters

TOPICS

- Create Sets
- Analyse Data with Sets
- Apply Parameters to Data to Refine Visualizations

13

Manipulating Data with Calculations

TOPICS

Create Calculated Fields · Manipulate Data with Functions · Analyse Data with Table Calculations

14

Visualizing Data with Advanced Calculations

TOPICS

Create Groups and Bins with Calculations · Analyse Data with LOD Expressions

15

Performing Statistical Analysis and Forecasting

TOPICS

Perform Statistical Analysis · Forecast Data Trends

16

Enriching Visualizations, Dashboards, and Maps

TOPICS

Customize Mapped Data · Enhance Visualizations with Tooltips · Enhance Dashboards with Actions

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.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

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