KOENIG
step forward

KOENIG SOLUTIONS · COURSE OUTLINE

Learn Tableau with Realistic Projects

Learn to connect, analyse and visualise data in Tableau by building and publishing six real-world dashboards.

2 Days	3	46
DURATION	MODULES	TOPICS

COURSE OVERVIEW

In this course you will build 6 separate dashboards depicting real world problems. You will learn how to connect to various data sources from Excel files to cloud servers. You will also learn how to build interactive dashboards and publish it to Tableau Online. This course will help you master the skills to become a good Data Analyst and build a solid foundation in understanding the data pipeline.

WHO THIS COURSE IS FOR

Data Analysts **Business Analysts** **BI Developers** **Reporting Analysts**

Data Visualisation Specialists

LEARNING OBJECTIVES

In this course you will learn:

- Create 6 interactive dashboards and publish it online to share
- Learn how to connect to different data sources such as Excel, Google Sheets and Cloud Servers
- Create a variety of charts including bar charts, line charts, donut charts, maps, tables and dual axis charts
- Create calculated fields including developing IF Statements
- Create sets, hierarchies and groups
- Understanding how joins work
- Understand Level of Detail calculations
- Create Parameters
- Make use of the analytics pane including using trend lines
- How to use dashboard actions and create interactive dashboards
- Creating a dashboard which updates daily via google sheets

COURSE SYLLABUS

3 Modules, 46 Topics

01

Tableau Fundamentals

TOPICS

- An Introduction to Tableau
- Signing up for a Tableau Public Account
- Install the 14 day free, full trial of Tableau
- The Different Products of Tableau
- The Lifecycle of Data
- Why Data Visualization is Important

02

Realistic Projects

PROJECT 1: DISCOUNT MART (SALES AND PROFIT ANALYTICS)

- Project Brief for Discount Mart
- Connecting and Preparing Data for Discount Mart
- Building Charts on Tableau for Discount Mart
- Creating Headline Cards on Tableau for Discount Mart
- Building and Publishing Dashboards on Tableau

PROJECT 2: GREEN DESTINATIONS (HR ANALYTICS)

- Project Brief for Green Destinations
- Connecting and Preparing Data for Green Destinations
- Building Charts on Tableau for Green Destinations
- Creating Headline Cards on Tableau
- Building a Dashboard for Green Destinations
- Publish your Dashboard to Tableau Public
- An introduction to Tableau Server (theory only)

PROJECT 3: MY PAPER (ACCOUNTS RECEIVABLE)

- Project Brief for MyPaper
- Connecting to Data Sources and Introducing Joins
- Building Charts
- Publishing Dashboards
- Dashboard Design Tips

PROJECT 4: SUPERSTORE (SALES AGENT TRACKER)

- Project Brief for Super Store
- Connecting and Preparing Data for Super Store
- Building Charts on Tableau for Super Store
- Building a Dashboard
- Publish your Dashboard to Tableau Public

PROJECT 5: NORTHWIND TRADE (SHIPPING ANALYTICS)

- Project Brief for Northwind Trade
- Connecting and Preparing Data for Northwind Trade
- Building Charts on Tableau for Northwind Trade
- Building and Publishing Dashboards for Northwind Trade

PROJECT 6: TESLA (STOCK PRICE ANALYTICS)

- Project Brief for Tesla
- Creating a Data Source through Google Sheet Functions
- Connect to the Data for Tesla
- Building Charts on Tableau for Tesla
- Building Headline Cards
- Building a Tesla Dashboard
- Publish your Dashboard to Tableau Public

03

Additional Tableau Useful Concepts

TOPICS

- Introduction to Database Concepts
- Understanding Relational Databases
- Relationships of Database Entities
- Primary and Foreign Keys
- Data types and Naming Conventions
- Creating Stories on Tableau
- How to Optimize Data in Tableau

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

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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