KOENIG
step forward

KOENIG SOLUTIONS · COURSE OUTLINE

Tableau Desktop III: Advanced

Learn to apply advanced calculations, LOD expressions and chart techniques to build sophisticated Tableau dashboards for time-based, customer and geographical analysis.

16 Hours	7	37
DURATION	MODULES	TOPICS

COURSE OVERVIEW

This course will help you discover how to create innovative charts and dashboards that are compatible with complex data analysis using Tableau Desktop. In this course, you'll explore scenario-based data visualization challenges to acquire greater proficiency with calculations and to learn advanced chart techniques. Apply these advanced skills to your Tableau environment to maximize the capabilities of your organization's data.

WHO THIS COURSE IS FOR

This course is designed for experienced Tableau users who have completed Tableau Desktop I: Fundamentals and Tableau Desktop II: Intermediate or have at least six months of product experience

Students should be proficient in creating calculations, visualizations, and interactive dashboards

LEARNING OBJECTIVES

During the course you will be able to:

- Apply advanced calculations to gain additional insight into your data
- Incorporate advanced chart types into data analysis
- Incorporate advanced dashboarding techniques into your displays
- Use calculations, parameters, and table calculations together
- Harness Tableau techniques to address common use case scenarios
- Format your visualizations and dashboards for maximum impact

COURSE SYLLABUS

7 Modules, 37 Topics

01

Calculations in Tableau

TOPICS

- Conduct Tableau and Data source Interaction
- Follow Tableau Order of Operations
- Define Types of Calculations
- Enable Number Functions
- Implement String Functions
- Apply Date Functions
- Incorporate Type Conversion Functions
- Describe Logical Functions
- Define Aggregate Functions
- Integrate User Functions
- Make Considerations for Calculated Fields

02

Advanced Table Calculations

TOPICS

Define Types of Table Calculations · Describe Common Use Cases · Outline Table Calculation Scope and Direction · Customize Table Calculations · Apply Filters and Table Calculations · Build a Pareto Chart

03

Level of Detail Expressions

TOPICS

- Describe Types of Level of Detail Expressions
- Apply FIXED level of detail (LOD) Expressions
- Combine Filters and LOD Expressions
- Include LOD Expressions
- Exclude LOD Expressions
- Nest LOD Expressions
- Compare Types of Calculations

04

Time-Based Data

TOPICS

Sparklines · Control Charts · Bump Charts · Slope Chart

05

Customer Behaviour Analysis

TOPICS

Cohort Analysis · Survey Data

06

Geographical Analysis

TOPICS

Map Density with Hexbins · Use Marks Layers for Maps · Spatial Files

07

Advanced Dashboard Techniques

TOPICS

Determine Dashboard Audience · Construct Dashboard Layout · Apply Dashboard Visual Elements · Implement Dashboard Interactive Elements

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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