KOENIG SOLUTIONS · COURSE OUTLINE

Tableau Prep

Learn to connect, clean, combine, shape and output data using Tableau Prep Builder for analysis in Tableau.

16 Hours	8	44
DURATION	MODULES	TOPICS

COURSE OVERVIEW

This course will help you discover how to prepare your data for analysis with Tableau Prep Builder. In this course, you will learn how to connect, clean, combine and shape data, and output prepared data for analysis in Tableau Desktop or on a Tableau site.

WHO THIS COURSE IS FOR

This course is designed for analysts, business users, and consultants who are responsible for managing data with Tableau Prep Builder. Students should have at least three months of experience creating calculations in Tableau.

LEARNING OBJECTIVES

During the course you will be able to:

- Prepare your data for analysis in Tableau visualizations
- Apply quick-cleaning operations to fields and field values
- Clean data with calculated fields, filters, and grouping options
- Combine data using joins and unions
- Shape data using pivots and aggregations
- Validate your data preparation work
- Leverage the data sampling functionality of Tableau Prep Builder
- Apply the range of available data preparation techniques to flows that address real-world scenarios

COURSE SYLLABUS

8 Modules, 44 Topics

01

Introduction to Tableau Prep Builder

TOPICS

- Implement Data Preparation and the Analytic Cycle
- Navigate Tableau Prep Builder
- Describe the Tableau Prep Builder Workspace
- Flow Pane Steps
- Prep Your Data

02

Data Connection and Exploration

TOPICS

Connect to Data · Interpret Data · Configure Data for Input · Explore the Data · Distribute Data

03

Data Cleansing

TOPICS

- Conduct Cleaning Operations
- Facilitate Quick-Cleaning Operations for String Fields
- Enable Quick-Cleaning Operations for Date Fields
- Filter Values
- Clean with Calculated Fields
- Edit and Group Values
- Create and Use Parameters
- Review Recorded Changes

04

Data Combination

TOPICS

Create Unions · Evaluate Union Results · Fix Mismatched Fields · Generate Wildcard Unions · Implement Joins · Define Join Types · Create and Configure Joins · Evaluate Join Results

05

Data Shaping

TOPICS

Create and Configure Pivots · Generate Columns to Rows Pivots · Pivot Using Wildcard Search · Build Rows to Columns Pivots · Evaluate Pivot Results · Create and Configure Aggregations

06

Data Previews and Sharing

TOPICS

Preview Data Preparation Results · Create Outputs · Run Outputs · Conduct an Incremental Refresh · Write to External Database

07

Data Sampling

TOPICS

Sample Data · Distribute Sampling and Data · Preview Sample Data · Determine Outputs for Sampled Data

08

Data Preparation

TOPICS

Determine Data Preparation Steps · Follow the Data Preparation Checklist · Explore Real-World Data Preparation Scenarios

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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