

# Analyze and Visualize Data using Tableau

**Course Duration: 32 Hours (4 Days)**

## Overview

The "Analyze and Visualize Data using Tableau" course is a comprehensive Tableau analytics course designed to equip learners with the skills to analyze data and create compelling visualizations. It's an ideal Tableau course for beginners that starts with the basics and progressively covers advanced features. The course is structured into modules, each focusing on different aspects of Tableau, from connecting to data sources to creating sophisticated dashboards and stories. Learners will start by understanding Tableau's interface and capabilities before diving into data connection. They will learn to simplify, sort, and organize data, followed by techniques to dissect data by date and use multiple measures. The course covers creating geographic mappings, customizing views, and performing quick table calculations. Advanced topics like table calculations, parameters, and forecasting ensure a well-rounded skill set. By the end of the course, students will be adept at using Tableau for real-world data analysis and visualization challenges.

## Audience Profile

Learn to transform data into actionable insights with Koenig Solutions' Tableau course, ideal for professionals in data-driven roles. Target audience for the Analyze and Visualize Data using Tableau course includes:

- Data Analysts
- Business Intelligence Professionals
- Data Scientists
- Reporting Professionals
- Marketing Analysts
- Project Managers
- IT Professionals
- Business Analysts
- Data Consultants
- Research Analysts
- Financial Analysts
- Operations Managers
- Dashboard and Metrics Personnel
- Anyone aspiring to gain skills in data visualization and analysis

## Course Syllabus

- Introduction
- Connecting to data
- Simplifying and sorting your data
- Organizing your data
- Slicing your data by date
- Using multiple measures in a view
- Showing the relationship between numerical values

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step forward

- Mapping data geographically
- Viewing specific values
- Customizing your data
- Analysing data with quick table calculations
- Showing breakdowns of the whole
- Highlighting data with reference lines
- Making your views available
- Using calculations in Tableau
- Advanced table calculations
- Creating and using parameters
- Data extracts
- Comparing measures
- Tableau geocoding
- Viewing distributions
- Statistics and forecasting
- Dashboards and stories