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PHOENIX TS

# Tableau Desktop Intermediate

**Due to Covid-19 safety restrictions** PhoenixTS will temporarily be unable to provide food or water to our students who attend class at our Training Center and all student Break Areas are currently closed. Students may bring their own lunch and snacks to eat at their seat in the classroom or eat out at nearby restaurants.

## Course Overview

This one-day, online, instructor led Tableau Intermediate course builds upon the skills and techniques developed during Tableau Fundamentals. It will cover:

- data blending
- data refining
- data visualizations
- statistical analysis
- forecasting
- data graphing

This course is intended for:

- Individuals who have prior working knowledge of Tableau.
- Individuals who have used Tableau to perform numerical or general data analysis, visualization, and reporting.
- Individuals looking to enhance Tableau skills to combine multiple data sources for data analysis, perform data calculations and create interactive visualizations

## Course Objectives

By the end of this course, participants will be able to:

- Merge multiple data sources
- Locate useful data within PDF's
- Determine data sets and parameters for visualizations
- Implement data calculations



- Analyze advanced data calculations and apply them to visualizations
- Develop statistical analysis and forecasting skills
- Create geographic visualizations.
- Utilize the Ask and Explain tool

## Course Outline

### Module 1: Blending Data from Multiple Sources

- Blend Data
- Refine Blends to Visualize Key Information

### Module 2: Joining Data

- Create Joins
- Troubleshoot Joins
- Merge Data with Unions

### Module 3: Accessing Data in PDFs

- Connect to PDFs
- Clean Up and Organize PDF Data

### Module 4: Refining Visualizations with Sets and Parameters

- Create Sets
- Analyze Data with Sets
- Apply Parameters to Refine Visualizations
- Create Advanced Visualizations

### Module 5: Analyzing Data with Calculations

- Create Calculated Fields to Analyze Data
- Manipulate Data with Functions
- Analyze Data with Table Calculations



## Module 6: Visualizing Data with Advanced Calculations

- Create Groups and Bins with Calculations
- Analyze Data with LOD Expressions

## Module 7: Performing Statistical Analysis and Forecasting

- Perform Statistical Analysis
- Forecast Data Trends

## Module 8: Creating Geographic Visualizations

- Create Maps
- Customize Mapped Data

## Module 9: Getting Answers with Ask and Explain

- Ask Data
- Explain Data

## Exam Information

This course will help prepare students who plan to obtain Tableau Desktop Certified Associate certification, which requires candidates to pass the Tableau Desktop Certified Associate exam

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