

Tableau Certified Desktop Associate Training Course

Tableau Certified Desktop Associate certifies your ability to analyze and visualize data using Tableau, focusing on foundational skills in data connection, visualization creation, and dashboard implementation.

 DATA-103

Course Outcomes

Professional, practical, & hands-on live instructor-led training

Start as a beginner and graduate as a certified professional, with the skills, experience, and job-search know how to get your career started.

 **Start Today**

Potential Career Tracks

Data Analyst

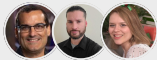
Business Intelligence Analyst

Tableau Developer

Reporting Analyst

Data Visualization Specialist

Business Analyst



Taught by Industry Veterans &
World Class Instructors

Introduction to Tableau Certified Desktop Associate

Course Overview

Intellectual Point's Tableau Certified Desktop Associate Training Course offers immersive, practical learning to transform raw data into insightful, actionable visualizations. This course is tailored to prepare you for the Tableau Desktop Certified Associate exam, equipping you with the expertise to effectively use Tableau software for data analysis and presentation. You'll learn to connect, prepare, analyze, and visualize data while gaining hands-on experience through interactive labs and real-world case studies. The comprehensive curriculum ensures that you develop the ability to create complex visualizations, dashboards, and stories, turning data into a powerful narrative.

Throughout the training, you'll explore advanced techniques in data visualization, dashboard design, and data connectivity. You'll work on applying best practices for creating interactive and insightful visualizations that highlight key insights. By the end of the program, you'll be well-prepared to pass the certification exam and apply your skills to real-world business scenarios, enhancing decision-making through data.

Obtainable Skills

Advanced Data Visualization

Interactive Dashboard Design

Data Extracts and Blending

Calculated Fields and Parameters

Data Connectivity and Preparation

Geographic Mapping

Data Storytelling

Performance Optimization

Certification Exam Preparation

Course Insights

Audience Profile

This Tableau Certified Desktop Associate Training Course is designed for professionals in business intelligence, data analytics, and IT who are keen to elevate their data visualization skills using Tableau. It's ideal for data analysts, business analysts, and reporting professionals who want to transform their data analysis capabilities and improve their career opportunities in the analytics field. The course is also well-suited for individuals with a basic understanding of data concepts who are interested in learning Tableau from the ground up, with the intention of attaining certification and applying their newfound skills in dynamic, data-driven environments.

Course Outcomes

By the end of this course, participants will:

1 Develop proficiency in Tableau to transform complex data into captivating visualizations.

2 Design and implement interactive dashboards that effectively communicate data insights.

3 Master data connectivity and preparation to seamlessly integrate diverse data sources.

4 Apply best practices in geographic mapping to represent spatial data accurately.

5 Achieve readiness for the Tableau Desktop Certified Associate exam.

Module by Module Learning *Outline*

 6 Modules

Module 1: Introduction to Tableau and Data Visualization

Learning Objectives:

- Understand the basics of Tableau and its interface.
- Learn foundational concepts in data visualization.

Topics Covered

Tableau Overview:

- Introduction to Tableau Desktop and its functionalities.
- Navigating the Tableau user interface.

Principles of Data Visualization:

- Key concepts of effective data visualization.
- Understanding types of charts and when to use them.

Module 2: Data Connectivity and Preparation

Learning Objectives:

- Master the techniques to connect and prepare data for analysis
- Develop skills to clean and organize data within Tableau.

Topics Covered

Connecting to Data Sources:

- Importing data from diverse sources like Excel, SQL, and cloud services.
- Managing data connections and updates.

Data Preparation Techniques:

- Cleaning and pivoting data to suit analysis needs.
- Creating and using data extracts for efficiency

Module 3: Building Advanced Visualizations

Learning Objectives:

- Create and enhance complex visualizations to reveal data insights.
- Apply interactive elements to engage users with the data.

Topics Covered

Creating Visual Elements:

- Constructing bar charts, line graphs, and scatter plots.
- Utilizing calculated fields and parameters for dynamic views.

Adding Interactivity:

- Filtering and highlighting data to focus on key information.
- Using actions to navigate between visualizations.

Module 4: Designing Interactive Dashboards

Learning Objectives:

- Design visually appealing and functional interactive dashboards.
- Integrate multiple visualizations for comprehensive data stories.

Topics Covered

Dashboard Composition:

- Arranging visualizations within a single dashboard view.
- Designing with the end-user in mind for effective communication.

Enhancing User Experience:

- Adding navigation and interactive elements like dropdowns.
- Ensuring performance optimization for large datasets.

Module 5: Geographic Mapping and Data Storytelling

Learning Objectives:

- Utilize geographic mapping to display spatial data effectively.
- Craft data stories to convey persuasive insights.

Topics Covered

Creating Geographic Visualizations:

- Implementing maps to demonstrate geographical trends.
- Using map layers and geographic fields.

Building a Data Narrative:

- Structuring data stories with a clear narrative flow.
- Combining visuals to tell compelling data stories.

Module 6: Performance Optimization and Exam Preparation

Learning Objectives:

- Optimize Tableau workflows for faster performance.
- Prepare thoroughly for the Tableau Desktop Certified Associate exam.

Topics Covered

Performance Enhancements:

- Techniques for improving dashboard load times.
- Best practices for large data volumes and complex analytics.

Certification Readiness:

- Reviewing key concepts and exam strategies.
- Practicing with sample exam questions and scenarios.