

Tableau Certified Data Analyst Training Course

Tableau Certified Data Analyst equips you with the skills to proficiently analyze and visualize data using Tableau, enhancing your data-driven decision-making capabilities.

 BUS-201

Course Outcomes

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

Further your skills 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

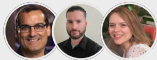
Business Intelligence Analyst

Data Visualization Specialist

Business Data Analyst

Analytics Consultant

Tableau Developer



Taught by Industry Veterans & World Class Instructors

Introduction to Tableau Certified Data Analyst

Course Overview

Intellectual Point's Tableau Certified Data Analyst Training Course is tailored to empower participants with the skills necessary to excel in data analysis and visualization using the Tableau platform. This course equips you with the expertise to connect, manipulate, analyze, and visualize data effectively, preparing you for the Tableau Certified Data Analyst certification exam. Through hands-on training and practical exercises, you will learn how to transform raw data into insightful dashboards and reports that drive decision-making. Whether you're aiming to enhance your data analysis skills or seek formal recognition of your capabilities, this course covers essential techniques from data connection to advanced analytics.

Throughout the training, you will explore essential Tableau concepts such as creating interactive dashboards, understanding data sources, and leveraging various visualization techniques. The course includes practical assignments and projects that help solidify your understanding of complex data sets and enable you to draw meaningful insights. By the end of the program, you will confidently apply your skills in real-world scenarios and gain the proficiency needed to pass.

Obtainable Skills

Data Connection and Transformation

Creating Interactive Dashboards

Data Visualization Techniques

Advanced Analytical Calculations

Data Source Management

Automating Report Generation

Trend and Forecast Analysis

Tableau Software Proficiency

Certification Exam Preparation

Course Insights

Audience Profile

This Tableau Certified Data Analyst Training Course is perfect for aspiring data analysts, business analysts, and professionals across industries who have a foundation in data handling or are keen to enhance their analytics capabilities. It is especially beneficial for individuals in business intelligence roles, data science teams, and those involved in management or strategic decision-making who seek to leverage data-driven insights. This course also appeals to professionals seeking certification to validate their expertise in Tableau and stand out in data-centric roles.

Course Outcomes

By the end of this course, participants will:

- 1 Develop the ability to efficiently connect to various data sources and transform data as needed.
- 2 Create sophisticated visualizations and interactive dashboards to convey data stories effectively.
- 3 Apply advanced analytical techniques to uncover trends and insights from complex data sets.
- 4 Manage and automate data reporting processes for enhanced operational efficiency.
- 5 Attain the Tableau Certified Data Analyst certification.

Module by Module Learning *Outline*

 **6 Modules**

Module 1: Introduction to Tableau and Data Connection

Learning Objectives:

- Understand the Tableau interface and its core functionalities.
- Learn to connect Tableau to a variety of data sources and perform basic data transformations.

Topics Covered

Getting Started with Tableau:

- Overview of the Tableau interface and workspace.
- Key features and functionalities of Tableau Desktop.

Connecting to Data Sources:

- Types of data sources Tableau can connect to.
- Techniques for joining and blending data.

Module 2: Data Transformation and Preparation

Learning Objectives:

- Master data cleansing and preparation using Tableau's builtin tools.
- Explore methods for effectively organizing data for analysis and visualization.

Topics Covered

Data Cleansing in Tableau:

- Using Tableau's data interpreter and formula editor.
- Handling null values, duplicates, and inconsistent data.

Structuring Data for Analysis:

- Creating and managing calculated fields.
- Using groups and sets for data categorization.

Module 3: Creating Visualizations and Interactive Dashboards

Learning Objectives:

- Develop skills to build a variety of data visualizations and combine them into interactive dashboards.
- Learn best practices for designing effective dashboards for decision-making.

Topics Covered

Visualization Techniques:

- Types of charts and graphs in Tableau.
- Applying filters, sets, and parameter controls to visualizations.

Designing Interactive Dashboards:

- Principles of effective dashboard design.
- Creating user friendly and interactive elements.

Module 4: Advanced Analytics and Calculations

Learning Objectives:

- Apply advanced analytical techniques to analyze trends and patterns in data.
- Use Tableau's calculation capabilities for deriving insights.

Topics Covered

Advanced Analytical Features:

- Using analytics pane and trend lines.
- Forecasting and time-series analysis in Tableau.

Complex Calculations:

- Leveraging Tableau's calculated fields and table calculations.
- Implementing logical and aggregate functions.

Module 5: Data Source Management and Report Automation

Learning Objectives:

- Develop efficient data source management skills for optimized reporting.
- Learn to automate the generation of reports to streamline workflows.

Topics Covered

Managing Data Sources:

- Techniques for refreshing and updating data connections.
- Best practices for maintaining large data sets.

Automating Reports:

- Setting up data extracts and subscribing to reports.
- Using Tableau Server for report distribution and automation.

Module 6: Certification Exam Preparation

Learning Objectives:

- Prepare for the Tableau Certified Data Analyst certification exam.
- Review key concepts and practice with mock exams.

Topics Covered

Exam Overview:

- Understanding the structure and format of the certification exam.
- Key topics and skills assessed in the exam.

Practice and Review:

- Solving practice questions and case studies.
- Tips and strategies for successfully passing the exam.