

# Salesforce Certified Tableau Data Analyst Bootcamp Part 2

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**Course Number: TAB-CERT-BOOT-2**

**Duration: 2 days**

## Overview

### Course Description

Elevate your Tableau skills and take the next step to become a certified data analyst with our 2-day bootcamp. Designed for experienced Tableau Creators, this course focuses on advanced techniques to enhance your data visualization and analytics capabilities, with a primary emphasis on achieving certification. By the end of the course, you'll master connecting to multiple data sources, performing complex calculations, and creating interactive dashboards that drive actionable insights.

Join our immersive learning experience, led by expert consultants who use Tableau daily to solve real-world problems. This course is perfect for individuals and teams aiming to unlock the full potential of Tableau and get certified.

- This is part 2 of a 3-part Bootcamp.
- Before taking the certification exam, it is recommended to have the student complete the following courses: (Total training: 6 full days)
  - Bootcamp Part 1: Tableau Level 1 (2 days)
  - Bootcamp Part 2: Tableau Level 2 (2 days)
  - Bootcamp Part 3: Tableau Prep (2 days)

- Exam Fee: \$250.00, after taking all 3 parts
- To prepare for the exam, we recommend a combination of on-the-job experience, training courses, and self-study. The official exam outline, and other relevant details, can be viewed

[here](#)

- It is also recommended that you complete the Analyst Learning Path, which is a series of self-paced training videos that can be accessed

[here](#)

## **Skills Gained**

- Master data integration by combining data from multiple tables using joins, unions, and relationships
- Optimize performance with data extracts and advanced calculations
- Design sophisticated visualizations, including bar-in-bar charts and bullet graphs
- Enhance analysis with level of detail (LOD) expressions and advanced table calculations
- Implement parameters and input controls for audience-specific insights
- Build interactive dashboards with guided analytics, interactive design, and visual best practices

## **Materials**

All students will receive slides with lecture material and data and labs.

Software Needed on Each Student PC:

- Microsoft Excel 2010 or later (2013 or later recommended)
- Internet access
- Tableau Desktop
- Related data and lab files will be provided

## **Audience**

## **Course Details**

### **Introduction and Review**

- Meet Tableau Desktop II: Intermediate
- Utilize Measure Values and Names in a View
- Work with Dates in Tableau
- Define Discrete Date Parts and Continuous Date Values

## Data Source Creation and Connection

- Access the Data Connections Page
- Build Physical and Logical Layers
- Connect to Single- and Multi-Table Data Sources
- Migrate Data Sources
- Navigate The Data Pane User Interface
- View Data

## Data Integration

- Build Joins
- Generate Unions
- Merge Fields
- Establish Relationship Levels of Detail
- Set Up a Relationship Between Tables
- Contrast Joins and Relationships
- Combine a Data Decision Tree
- Create Relationships Between Tables from Different Databases

## Data Extracts

- Use Data Extracts
- Configure and Run an Extract
- Distinguish Between Logical and Physical Table Extracts

## Tableau Calculations

- Understand Where Calculations Occur
- Create and Edit Calculated Fields
- Build Calculations and Aggregations
- Aggregate Dimensions in Calculations
- Join Calculations
- Define Level of Detail (LOD) Expressions

## Measure Comparisons

- Compare Two Measures (Bar in Bar Chart)
- Assess Progress Toward a Goal (Bullet Graph)
- Use Reference Lines
- Build Reference Bands

## Distribution Views

- Build Bins and Histograms
- Generate Box and Whisker Plots

## Advanced Table Calculations

- Describe Table Calculation
- Follow Tips for Learning Table Calculations
- Establish Levels of Control
- Determine Table Calculation Scope and Direction
- Assess Table Calculation Specific Dimensions
- Evaluate Other Scope and Direction Options
- Implement Null Values in Table Calculations
- Generate Table Calculations for Statistical Analysis

## Parameter Creation and Usage

- Use Parameters
- Define Parameters and Filters
- Harness Parameters with Reference Lines

## Data Subsets

- Use Sets
- Outline the Tableau Order of Operations
- Combine Sets
- Understand In and Out Sets
- Analyze an Outlier Using Explain Data
- Nest Sorting and Context Filters

## Dashboards

- Plan Your Dashboard
- Build Your Dashboard
- Add Interactivity with Filters and Actions
- Introduce Actions to Your Dashboard
- Take Additional Dashboard Actions
- Set Actions
- Conduct Parameter Actions
- Follow Visual Best Practices

- Add Instructions and Annotations
- Learn Tooltips
- Remove Chart Extras

## Related Certifications

Authorized training from Ascendient is created and maintained by the vendor who also creates the certification exams. While it may not be a requirement of certification to attend a vendor-authorized training class, doing so will put you in the best position to successfully complete the related exams. Start training and begin working towards one of the following certifications today.

Salesforce Certified Tableau Data Analyst

Salesforce Certified Tableau Data Analyst

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