



# Tableau Training Curriculum

## STRUCTURE



## Tableau Training Curriculum

*“Learn the latest Tableau best practices & advanced techniques by joining our comprehensive Training Program at Croma Campus”*

### **About Croma Campus:**

Croma Campus Training & Development Private Limited is an education platform since 2010 providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty and industry.

- Hands-On Live Projects
- Simulation Test Papers
- Industry Cases Studies
- 61,640+ Satisfied Learners
- 140+ Training Courses
- 100% Certification Passing Rate
- Live Instructor Classroom / Online Training
- 100% Placement Assistance

### **Course Objectives:**

- Gain an understanding on how data can be transformed by cleaning, splitting, pivoting, and merging techniques.
- Understand how to establish connection with data and perform various data preparation steps for visualizing it.
- Discover new ways of analysing data, through various features in-built within Tableau.
- Create personalized, dynamic visualizations through parameters.
- Develop interactive dashboards using actions.
- Explore good design practices for dashboards.
- Learn to publish and share dashboards and manage permissions to your published data.
- Get an extensive hands-on expertise on various tips and tricks with Tableau.

### **Course Description:**

This Tableau course is for anyone who works with data regardless of technical or analytical background. Users can create and distribute interactive and shareable dashboards, that depict large volumes of data into easily readable graphs and charts.

Our Tableau Training is designed to help you prepare for the Tableau Desktop Certified Associate Certification examination by providing you rich hands-on training on various Tableau tools.

This Tableau Certification Training is a stepping-stone to your Business Intelligence journey. Throughout this Tableau course, you will get an opportunity to work on various Tableau projects.

Tableau is emerging as one of the hottest trends in the Business Intelligence market. The Data Visualization tool has been gaining popularity in various companies and hence, the demand for Tableau experts is on the surge.

## Croma Campus Training Program Deliverables:

- **Session Recordings** - Original Class Room Voice & Video Recording
- **Training Material** - Soft Copy Handbooks
- **Assignments** | Multiple Hands-on Exercises
- **Test Papers** - We provide **Practice Test** as part of our course to help you prepare for the actual certification exam.
- **Live Case Studies**
- **Live Projects** - Hands-on exercises and Project work. You will work on real time industry-oriented projects and assignments for each module to practice.
- **Key focus on Hands-on exercises and Project work.** You will work on real time industry-oriented projects.
- Faculty with more than **10+ Years of Experience** in the Industry.
- **Technical Resume Designing & Job Assistance:** With more than 100+ Clients across the Globe and we help learners to get a good job in their respective field. We also help learners with resume preparation.
- **Interview Q&A**
- **About Croma Campus Training Certificate:** Croma Campus will provide you with an industry-recognized (Certified by **ISO 9001:2015 & E-Cell IIT Jodhpur**) course completion certificate which has lifelong validity.
- **How I Unlock my Croma Campus Certificate:** Attend Complete Batch & Submit at least One Completed Project.

## Course Content:

### Module 1: Data Preparation using Tableau Prep

- Data Visualization
- Business Intelligence tools
- Introduction to Tableau
- Tableau Architecture
- Tableau Server Architecture
- VizQL Fundamentals
- Introduction to Tableau Prep
- Tableau Prep Builder User Interface
- Data Preparation techniques using Tableau Prep Builder tool

### Module 2: Data Connection with Tableau Desktop

- Features of Tableau Desktop
- Connect to data from File and Database
- Types of Connections
- Joins and Unions
- Data Blending
- Tableau Desktop User Interface

### Module 3: Basic Visual Analytics

- Visual Analytics

- Basic Charts: Bar Chart, Line Chart, and Pie Chart
- Hierarchies
- Data Granularity
- Highlighting
- Sorting
- Filtering
- Grouping
- Sets

#### **Module 4: Calculations in Tableau**

- Types of Calculations
- Built-in Functions (Number, String, Date, Logical and Aggregate)
- Operators and Syntax Conventions
- Table Calculations
- Level of Detail (LOD) Calculations
- Using R within Tableau for Calculations

#### **Module 5: Advanced Visual Analytics**

- Parameters
- Tool tips
- Trend lines
- Reference lines
- Forecasting
- Clustering

#### **Module 6: Level of Detail (LOD) Expressions in Tableau**

- Count Customer by Order
- Profit per Business Day
- Comparative Sales
- Profit Vs Target
- Finding the second order date
- Cohort Analysis

#### **Module 7: Geographic Visualizations in Tableau**

- Introduction to Geographic Visualizations
- Manually assigning Geographical Locations
- Types of Maps
- Spatial Files
- Custom Geocoding
- Polygon Maps
- Web Map Services
- Background Images

## **Module 8: Advanced charts in Tableau**

- Box and Whisker's Plot
- Bullet Chart
- Bar in Bar Chart
- Gantt Chart
- Waterfall Chart
- Pareto Chart
- Control Chart
- Funnel Chart
- Bump Chart
- Step and Jump Lines
- Word Cloud
- Donut Chart

## **Module 9: Dashboards and Stories**

- Introduction to Dashboards
- The Dashboard Interface
- Dashboard Objects
- Building a Dashboard
- Dashboard Layouts and Formatting
- Interactive Dashboards with actions
- Designing Dashboards for devices
- Story Points

## **Module 10: Get Industry Ready**

- Tableau Tips and Tricks
- Choosing the right type of Chart
- Format Style
- Data Visualization best practices
- Prepare for Tableau Interview

## **Module 11: Exploring Tableau Online**

- Publishing Workbooks to Tableau Online
- Interacting with Content on Tableau Online
- Data Management through Tableau Catalog
- AI-Powered features in Tableau Online (Ask Data and Explain Data)
- Understand Scheduling
- Managing Permissions on Tableau Online
- Data Security with Filters in Tableau Online

## Module 12: Placement Guide

- Tips to clear an Interview
- Common Interview questions and answers
- Tableau Interview Questions and Answers
- Resume Building Guide
- Attempt for the related Global Certification Exam
- Earn Credentials and Start applying for Jobs