



TABLEAU:

Tableau Course is a comprehensive training program designed to equip learners with the skills to analyze, visualize, and present data effectively using **Tableau**, one of the leading business intelligence tools. The course covers key topics such as **data connection and preparation, data blending, calculated fields, parameters, and interactive dashboards.**

Participants will learn how to transform complex datasets into clear and insightful visual representations, including **charts, graphs, and maps.** Through hands-on exercises and real-world case studies, learners gain practical experience in exploring trends, uncovering patterns, and building impactful reports for data-driven decision-making.

The training also focuses on **storytelling with data**, helping professionals communicate insights clearly to stakeholders. By the end of the course, students will have the expertise to design professional-grade dashboards, automate reports, and leverage Tableau's advanced analytics capabilities to solve business problems and enhance organizational performance.

Tableau Course Content

1. Introduction to Data Visualization and Tableau

- Importance of data visualization
- Overview of Tableau and its features
- *Tableau Desktop interface and navigation*

2. Connecting to Data

- Connecting Tableau to various data sources (Excel, SQL, CSV, etc.)
- Data extraction, live connections, and data blending
- Understanding dimensions, measures, and data types

3. Working with Data in Tableau

- Sorting, filtering, and grouping data



- Hierarchies and sets
- Data aggregation and granularity
- 4. *Building Visualizations*
 - Creating basic charts (bar, line, pie, scatter, etc.)
 - Advanced visuals (heat maps, tree maps, dual-axis charts, and histograms)
 - Customizing visuals with colors, labels, and formatting
- 5. *Calculated Fields and Parameters*
 - Creating calculated fields and table calculations
 - Using parameters for dynamic control
 - Applying logical, string, and date functions
- 6. *Dashboards and Stories*
 - Building interactive dashboards
 - Designing layouts and adding filters/actions
 - Creating data stories for business presentations
- 7. *Advanced Tableau Features*
 - Data blending vs. data joins
 - Forecasting and trend analysis
 - Level of Detail (LOD) expressions
 - Integrating Tableau with R and Python
- 8. *Publishing and Sharing*
 - Tableau Server and Tableau Online
 - Publishing dashboards and setting permissions
 - Best practices for dashboard performance and security
- 9. *Real-World Projects and Case Studies*
 - Developing end-to-end dashboards using real datasets
 - Business analytics scenarios and reporting solutions

Products of Tableau:

- Tableau Desktop (Both professional and personal editions)
- Tableau Server
- Tableau Online
- Tableau Prep Builder
- Tableau Visible
- Tableau Public (free to use)
- Tableau Reader (free to use)



Uses of Tableau:

- Usage of Tableau software are listed below:
- Tableau software is used to translate queries into visualization.
- It is also used for managing metadata.
- Tableau software imports data of all sizes and ranges.
- For a non-technical user, Tableau is a life saver as it offers the facility to create 'no-code' data queries.
- Dimensions and Measure
- Data Concentrates
- Creating Perspectives Imprints Size and Straightforwardness
- Highlighting Working with Dates Date accumulations and date parts
- Discrete versus Nonstop Double Hub/Various Estimates Combo Graphs with various imprint types Geographic Guide
- Page Trails
- Heat Guide
- Density Outline
- Scatter Plots
- Pie Outlines and Bar Diagrams
- Small Products Working with total versus disaggregate information



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- Analysing
- Sorting and Gathering
- Aliases
- Filtering and Fast Channels
- Cross-Tabs (Rotate Tables)
- Totals and Subtotals
- Drilling and Drill Through
- Aggregation and Disaggregation
- Working with Insights and Pattern lines
- Getting Began with Determined Fields
- Working with String Capacities
- Basic Number juggling Computations
- Date Math
- Working with Sums
- Custom Accumulations
- Logic Proclamations
- Formatting
- Options in Organizing your Representations
- Working with Marks and Comments



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- Effective Utilization of Titles and Subtitles
- Introduction to Visual Prescribed procedures
- Building Intelligent Dashboards
- Combining various representations into a dashboard
- Making your worksheet intelligent by utilizing activities and channels
- An Prologue to Best Practices in Representation
- Sharing Exercise manuals
- Publish to Peruse
- Packaged Exercise manuals
- Publish to Office
- Publish to PDF
- Publish to Scene Server and Sharing over the Internet

Our learning methods include:

- Comprehensive course selection of Instructor-Led Training
- Logistical convenience and interactive classroom experience of Online Training
- Flexible pacing and instructor-guided support of Mentored Learning
- Self-paced convenience of Online ANYTIME

In addition:

- Interview preparation with mock interview drills



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- Effective resume building
- Process of applying jobs at the right places

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