



Shaping Talents



Shaping Future

JOIN US

Become a Certified
Technology Expert



**TABLEAU
TRAINING**

Tableau Training

About EnhanceLearn

EnhanceLearn offers you a complete career transition by providing training and placement programs for Students and Jobseekers looking for a Career Success. We provide best IT training and certification courses which is taken by professional certified experts. The training modules are designed as per the market requirement so that it helps student to conquer the Career Job Market and achieve their career goals with our placement assistance.



About the Tableau Training Course

Tableau Training will help you learn building interactive tableau dashboards and master the data visualization with the architecture of the Tableau Software. Our online training portal that pioneers in providing job oriented Tableau online training with job placement assistance. Enhance your skills and knowledge with our comprehensive Tableau course and become an expert in Tableau.

Why take Tableau Training Course?

As Tableau is the top data visualization tool, there is an increasing demand for Tableau professionals with immense rewards on the pay offers.

Also there has been a high demand of jobs for Tableau professionals in the job industry as so one will land to a pool of job opportunities if certified with Tableau.

Recent researches on job vacancies disclose that leading companies like Dell, Facebook, NetJets, Applied Systems, Groupon, General Motors, University of California, Bank of America, Booz Allen Hamilton, Sony Electronics, Sunguard and so on are in requirement of Tableau professionals.

According to indeed.com, an average starting salary of a certified Tableau professional is about \$106,000.

By mastering data aggregation, data blending and connectivity with Tableau you'll be able to deliver better solutions to corporations in the Business Intelligence stream.

If you are interested in joining EnhanceLearn's best Training and Placement Program team, please reach our team here:

Tableau Training

Course Content:

Module 1: Introduction to Data Visualization and Power of Tableau

- What is data visualization?
- Elements of Visualization
- Introduction to Tableau
- Dashboards
- Comparison and benefits of reading raw numbers
- Real usage examples from various business domains
- Identify the prerequisites, goal, objectives, methodology & material
- Application Terminology
- Visual Cues for Fields
- Connecting to Data-Basics
- Connecting to Excel
- Data preparation

Module 2: Architecture of Tableau

- Installation of Tableau Desktop
- Architecture of Tableau
- Tableau Desktop Working
- Understanding Tableau Terminologies
- Tableau interface connecting to Data Source
- Tableau Data Types
- The interface of Tableau
 - Layout
 - Toolbars
 - Data Pane
 - Analytics Pane, etc
- Share an existing work done in Tableau
- Export an existing work done in Tableau

Module 3: Hierarchy and Groups

- Creating Hierarchy
- Creating Static Groups
- Using Functions in Creating Groups

Module 4: Joins in Tableau

- Joining Conditions
- Multi Table Joins

Module 5: Working with Metadata and Data Blending

- Connection to Excels, PDFs, and Cubes

- Managing Metadata and Extracts
- Data Preparation and dealing with NULL values
- Different types of Data Joins (Inner, Left, Right, Outer) and Union
- Cross-Database joining
- Data Blending
- Data extraction
- Refresh extraction
- Incremental extraction
- How to build extract?
- Editing Metadata
- Duplicating Columns
- Renaming Columns
- Aliases
- Creating Calculated Fields
- Default Aggregation
- Data Type Conversion

Module 6: Creation of Sets

- Marks
- Highlighting
- Sort and Group
- Working with Sets (Creation of sets, Editing sets, IN/OUT, Sets in Hierarchies)
- constant sets, computed Sets, and bins

Module 7: Working with Filters

- Filters (Addition and Removal)
- Filtering continuous dates, dimensions, measures
- Interactive Filters, marks card, and hierarchies
- Filtering in Tableau
- Types of filters
- Filtering order of operations

Module 8: Sorting in Tableau

- Sorting Options in Tableau
- Combined Fields to Sort Multi-dimension Graph
- Sorting Priorities
- Types of sorting

Module 9: Organizing Data and Visual Analytics

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- Formatting Data (Labels, Annotations, Tooltips, Edit axes)
- Formatting Pane (Menu, Settings, Font, Alignment, CopyPaste)
- Trend and Reference Lines
- Forecasting
- k-means Cluster
- Analysis in Tableau
- Visual analytics in Tableau
- Reference lines and bands
- Confidence interval

Module 10: Working with Mapping

- Coordinate points
- Plotting Longitude and Latitude
- Editing Unrecognized Locations
- Custom Geo-coding
- Polygon Maps
- WMS: Web Mapping Services
- Background Image (Add Image, Plot Points on Image, Generate coordinates from Image)
- Map visualization
- Custom territories
- Map Box
- WMS Map
- How can we create map projects in Tableau?
- How to create Dual Access Map?
- How to edit location?

Module 11: Working with Calculations & Expressions

- Calculation Syntax and Functions in Tableau
- Types of Calculations (Table, String, Logic, Date, Number, Aggregate)
- LOD Expressions (concept and syntax)
- Aggregation and Replication with LOD Expressions
- Nested LOD Expressions
- Level of Details
- Fixed Level of Details
- Lower Level of Details
- Higher Level of Details
- Quick Table Calculations
- How to create Calculated Fields?
- Predefined Calculations and how to validate?

Module 12: Working with Parameters

- Create Parameters
- Parameters in Calculations
- Using Parameters with Filters
- Column Selection Parameters
- Chart Selection Parameters
- How to use Parameters in Filter Session?
- How to use parameters in Calculated Fields?
- How to use parameters in Reference Line?

Module 13: Charts and Graphs

- Dual Axes Graphs
- Histogram (Single and Dual Axes)
- Box Plot
- Pareto Chart
- Motion Chart
- Funnel Chart
- Waterfall Chart
- Tree Map
- Heat Map
- Market Basket analysis
- Using Show me
- Types of Charts
- Text Table
- Heat map
- Highlighted Table
- Pie Chart
- Tree map
- Bar Chart
- Stacked Bar Chart
- Line Chart
- Multi Line Chart
- Area Chart
- Bubble Chart
- Bullet chart
- Scatter Chart
- Dual Axis Graphs
- Dual Line Charts
- Side by Side Bar Charts
- Multiline Chart
- Donut Chart
- Funnel Charts
- Pareto Chart
- Maps
- Hands-on Lab
- Assignment

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- Funnel Chart
- Waterfall
- Trend Lines
- Filled Map
- Symbol Map
- Forecasting
- Word Cloud
- Tree Map
- Packed Bubble
- Dual Line Chart
- Histogram
- Highlight Table
- Cross Tab
- Normal Tables
- Multi Measure Tables
- Use of Measure Name and Measure Values

Module 14: Dashboards and Stories

- Build and Format a Dashboard (Size, Views, Objects, Legends, and Filters)
- Best Practices for Creative and Interactive Dashboards using Actions
- Create Stories (Intro of Story Points, Creating and Updating Story Points, Adding Visuals in Stories, Annotations with Description).
- Dashboards & Stories
- what is Dashboard
- Filter Actions
- Highlight Actions
- URL Actions
- Selecting & Clearing values
- Dashboard Examples
- Best Practices in Creating Dashboards
- Tableau Workspace
- Tableau Interface
- Tableau Joins
- Types of Joins
- Live vs. Extract Connection
- Tableau Field Types
- Saving and Publishing Data Source
- File Types

Module 15: Tableau Prep

- Introduction to Tableau Prep
- How Tableau Prep helps to quickly combine join, shape and clean data for analysis, create smart experiences with Tableau Prep

- Insights into your data with great visual experience
- Make data preparation simpler and accessible
- Integrate Tableau Prep with Tableau analytical workflow
- Seamless process from data preparation to analysis with Tableau Prep

Module 16: Integration of Tableau with R and Hadoop

- Introduction to R Language
- Applications and Use Cases of R
- Deploying R on Tableau Platform
- Learning R functions in Tableau
- Integration with Hadoop
- Connect tableau with Hadoop and extract data

Module 17: Installing Tableau Server

- Deploy tableau services
- Licensing option for tableau server and tableau online.
- Requirement for hardware and software needs
- Configuring tableau server
- How to deploy server on multiple physical machines
- Security with trusted authentication
- Managing tableau server in the cloud
- Monitoring activity on tableau server

Module 18: Tableau Server Admin & Developer

- Create Projects and Groups
- Assign Permissions to Projects
- Effects of different permissions
- Publishing, Scheduling and Sharing Security
- Authentication and Access Roles and Responsibilities
- Performance Monitoring and Tracking
- High Availability and Backup and Recovery
- Support and Maintenance
- Monitoring regular Refresh of Reports

Module 19: Project & Certifications

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