

Course Curriculum:

Lesson 01 - Getting Started with Tableau

- > Getting Started with Excel
- > Download and Install Tableau
- > PublicLoad Data from Excel
- > User Interface of TableauKey Takeaways

Lesson 02 - Core Tableau in Topics

- > Core Topics in Tableau
- > Dimensions vs. Measures
- > Discrete vs Continuous
- > Application of Discrete and Continuous
- > FieldsAggregation in Tableau
- > Key Takeaways

Lesson 03 - Creating Charts in Tableau

- > Creating Charts in Tableau
- > TableauBar Chart
- > Stacked Bar Chart
- > ChartLine Chart
- > Scatter Plot
- > Dual-Axis Charts
- > Combined-Axis Chart
- > ChartsFunnel Chart
- > Cross Tabs
- > Highlight
- > TablesMaps
- > Measure Names and Measure
- > ValuesKey Takeaways
- > Hands-on project: Customer Analysis

Lesson 04 - Working with Metadata

- > Working with
- >

MetadataData Types

- > Rename, Hide, Unhide and Sort Columns
- > Default Properties of Fields
- > Key Takeaways

Lesson 05 - Filters in Tableau

- > Filters in
- > Tableau
- > Dimension
- > Filter Date
- > Filter Measure
- > Filter Visual
- > filter
- > Interactive
 - Filter Data
 - Source Filter
 - Context Filter
- > Key Takeaways
- > Hands-on project Product Analysis

Lesson 06 - Applying Analytics to the worksheet

- > Applying Analytics to the
- > WorksheetSets
- > Parameters
- > Group
- > Calculated
- > FieldsDate
- > Functions
 - Text
 - Functions
- > Bins and
- > HistogramSort
- > Reference and Trend
- > LinesTable
 - Calculations
- > Pareto
- > Chart
- > Waterfall
 - ChartKey
 - Takeaways

Lesson 07 - Dashboard in Tableau

- > Dashboards in
- >

- TableauDashboard
- > Working with Layout
- > Objects in Dashboard
- > Making Dashboards Interactive
- > Actions in Dashboard
- > Best Practices for Dashboard Creation
- > Dashboard for Mobile
- > Story
- > Case
- > Study Key Takeaways
- > Hands-on project Sales Dashboard

Lesson 08 - Modifications to Data Connections

- > Modifications to Data
- > ConnectionsEdit Data Source
- > Uni
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- Joi
- ns
- > Data
- > blending Key Takeaways

Lesson 09 - Introduction to Level of Details in Tableau(LODS)

- > Level of Details
- > Introduction to Level of Detail
- > (LODs)Fixed LOD
- > Include LOD
- > Exclude LOD
- > Publish to Tableau
- > PublicKey Takeaways

Course End Projects:

The course includes five real-world, industry-based projects. Successful evaluation of one of the following projects is a part of the certification eligibility criteria:

Project 1: Comparative Study of Countries

Build a dashboard to do a comparative study on various parameters of different countries, using the sample insurance and world development indicators dataset.

Domain: Insurance and Finance

Project 2: Sales Performance Analysis

Build a dashboard to present monthly sales performance by product segment and product category for the purposes of identifying the areas that have met or exceeded their sales targets.

Domain: E-commerce

Project 3: Customer Analysis

Build a dashboard that presents customer statistics, ranking them by profit ratio and sales. Also, include statistics regarding profit performance by region.

Domain: Retail

Project 4: Product Analysis

Build a dashboard that presents sales by product category over time, with the ability to drill down to the product and regional level to check if the products are correctly priced.

Domain: Retail

Project 5: Sales Dashboard

Build a dashboard that presents metrics about products (e.g. sales, profits, profit ratio) and the trends of statistics over a given period of time, filtering down to a number of geographic regions.

Domain: Retail