

TECHGENX

Tableau course

Please Note: All below course content will be covered in practical scenarios and regular assignments will be shared. All sessions will be recorded and shared with student for future reference (free of cost). Along with below course.

Tableau Basics

- Welcome! What is Tableau & Course Overview
- Installation
- Bar Chart
 - The Business Challenge: Who gets the Annual Bonus?
 - Connecting Tableau to a Data file – CSV File
 - Navigating Tableau
 - Creating Calculated fields
 - Adding colors
 - Adding labels and formatting
 - Exploring Worksheet
- Time Series , Aggregation and Filters
 - Introduction
 - Working with data extracts in Tableau
 - Working with Time series
 - Understanding aggregation, Granularity, Level of Detail
 - Creating an area Chart and Learning about highlighting
 - Adding a filter and Quick Filter
 - TimeSeries, Aggregation and Filters
- Maps , Scatterplots and Dashboard
 - Introduction
 - Joining data in Tableau
 - Creating a Map, Working with Hierarchies

- Creating a scatter plot, applying filters to multiple worksheets
 - Dashboard
 - Adding an interactive action –Filter
 - Adding an interactive action –Highlighting
- Joining and Blending data, Plus: Dual Axis Chart
 - Introduction
 - Inner/Outer/Left/Right Join
 - Join with Duplicate values
 - Joining on Multiple fields
 - Joining data vs Blending data in Tableau
 - Data binding in Tableau
 - Dual Axis Chart
 - Calculated fields in a Blend
- Table calculations, Advanced Dashboards and Story-Telling
 - Introduction
 - Download dataset and connecting with Tableau
 - Mapping geographical rules
 - Creating table calculation for gender
 - Creating bins and distribution for age
 - Leveraging the power of Parameters
 - Tree Map chart
 - Customer Segmentation Dashboard
 - Advanced Dashboard Interactivity
 - Analyzing the Customer Segmentation Dashboard
 - Creating a storyline
- Advance Data Parameters
 - Introduction
 - Data Format

- Data Interpreter
- Pivot
- Splitting columns
- MetaData Grid
- Geographical errors in Tableau
- Advance Data Integration
- Clusters, Custom Territories, Design Features
 - Introduction
 - Startup Expansion Analytics
 - Custom Territories vs Groups
 - Custom Territories vs Geographical Roles
 - Adding Highlighter
 - Clustering in Tableau
 - Cross Database Joins
 - Modeling with Clusters
 - Saving your clusters
 - New Design features
 - New Mobile Features

Advance Tableau

- Group and Sets
 - Introduction
 - Project Briefs:1000 startups
 - Working with Groups
 - Creating Static Set
 - Creating Dynamic Set
 - Combining Sets
 - Controlling sets with Parameters
 - Dashboard: the start up Quadrant
 - Dashboard tricks

- Tableau Calculations
 - Project Brief: Coal Terminal Utilization Analysis
 - Creating Multiple Joins in Tableau
 - Calculated fields vs Table Calculations
 - Creating Advanced Table Calculations
 - Saving a Quick Table Calculations
 - Adding a second layer moving average
 - Quality Assurance for Table Calculations
 - Trendlines for Power-Insights
 - Creating a Storyline
 - Report Ready
- Advanced data prep- Analytics in Tableau
 - Introduction
 - Project Brief: Retail Sector Forecasts
 - Building box plots in Tableau
 - Analyzing Box plots
 - Working with large data source
 - Pivot and Split
 - Real world data
 - Primary Use case for Data Source Filters
 - Trendlines
 - Data Prep
 - Advanced TimeSeries Blending
 - Calculating Sales per Capita
 - Forecasting in Tableau
 - How to present a Storyline
- Creating Animation in Tableau
 - Introduction
 - Project Brief: World Health Trends
 - Editing Blending Relationships

- Building the visualization
 - Adding Animation
 - Manually sorting blended data
 - Leaving a trail in animations
 - Finalizing dashboard
- LOD(Level of Detail Calculations)
 - Introduction
 - Project Brief: Regional Profile Analysis
 - Preparing the Workbook
 - Aggregation and Granularity
 - LOD calculation Intuition
 - LOD Type
 - Multiple fields in LOD
 - Finalizing the Visualization
- Advanced Mapping Technique
 - Getting into shape with Polygons
 - Background maps
 - Solving business logic
 - Drawing tool for tableau
 - Custom images on maps
 - Distance calculations
 - Customizing maps with mapbox
-