

Tableau Course Outlines

Week One

- Introduction to Tableau
- Installation of Tableau (Cracked version)

Week two

- Connecting Tableau to data files
- Navigating Tableau
- Creating calculated fields
- Adding colors
- Adding labels and formatting
- Exporting your worksheet
- Get the viz
- Optional exercises

Week three

- Times Series, Aggregations and Filters
- Working with data extracts from Tableau
- Working with time series
- Understanding aggregations, and level of details
- Creating an Area chart and learning about Highlighting
- Adding a filter
- Optional Exercises

Week four

- Maps, Scatter Plot and your first Dashboard
- Joining data in Tableau
- Creating a Map, Working with Hierarchies

- Creating a Scatter Plot, Applying Filters to Multiple Worksheets
- Let's Create our First Dashboard!
- Adding interacting Actions to our Dashboard
- Optional Exercises: Creating a dashboard

Week five

- Joining and Blending Data, PLUS Dual Axis Charts
- Understanding how LEFT, RIGHT, INNER, and OUTER Joins Work
- Joins with Duplicate Values
- Joining on Multiple Fields
- Data Blending in Tableau
- The Showdown Joining Data vs. Blending Data in Tableau
- Dual Axis Chart
- Creating Calculated Fields in a Blend (Advanced Topic)

Week six

- Table Calculations, Advanced Dashboards, Storytelling
- Downloading the Dataset and Connecting to Tableau
- Mapping how to Set Geographical Roles
- Creating Table Calculations E.g. Gender
- Creating Bins and Distributions e.g. Age
- Leveraging the Power of Parameters
- How to Create a Tree Map Chart
- Advanced Dashboard Interactivity
- Creating a Storyline
- Optional Exercises

Week Seven

- Advanced Data Preparation
- What Format Your Data Should Be in?

- Data Interpreter
- Pivot
- Splitting a Column into Multiple Columns
- Meta-Data Grid
- Fixing Geographical Data Errors in Tableau
- Optional Exercises

Week Eight

- Clusters, custom territories, design features
- The Challenge Startup Expansion Analytics
- Custom Territories Via Groups
- Custom Territories Via Geographic Roles
- Adding a Highlighter
- Clustering in Tableau
- Cross-Database Joins
- Modelling in Clusters
- Saving Clusters
- Design Features
- Optional Exercises

Optional Classes

- Data from PDF files
- Connecting to PDF
- Connecting to Spatial Files
- Joining to Spatial files
- Step and Jump Line Chart
- Viz in Toll-tip