
Tableau Dashboards – One Day Course

Agenda

Overview

This introductory course covers connecting to and extracting data, creating powerful reports and dashboards in Tableau and making your views available. The hands-on sessions are focused on report consumers and report developers and allows for attendees to learn; functionality and appearance, interactivity and navigation, data acquisition modes, creating a dashboard and more. We will be implementing the concepts discussed in the Data Literacy and Data Visualisation Best Practice courses to create Visuals in Tableau.

This course is designed for the beginner Tableau user. It is for anyone who works with data – regardless of technical or analytical background. This course is designed to help you understand and use the important concepts and techniques in Tableau to move from simple to complex visualisations and learn how to combine them in interactive dashboards.

Learning Outcomes

At the end of this course delegates should be able to:

- Connect to your data.
 - Edit and save a data source.
 - Understand Tableau terminology.
 - Use the Tableau interface / paradigm to effectively create powerful visualisations.
 - Create basic calculations including basic arithmetic calculations, custom aggregations and ratios, date math, and quick table calculations.
 - Represent your data using the following visualisation types:
 - Cross tabs
 - Geographic maps
 - Heat maps
 - Tree maps
 - Pie charts and bar charts
 - Dual axis and combined charts with different mark types • Highlight Tables • Scatter Plots
 - Build dashboards to share visualisations.
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#	Topic
1.	Introduction
2.	Managing the Data source <ul style="list-style-type: none">• Connecting to data• Simplifying and sorting your data• Organising your data
3.	Time Series Analysis <ul style="list-style-type: none">• Slicing your data by date
4.	Visualising Several Variables <ul style="list-style-type: none">• Relationships between variables• Using multiple measures in a view• Showing the relationship between numerical values
5.	Using Maps in Tableau <ul style="list-style-type: none">• Mapping data geographically
6.	Viewing specific values <ul style="list-style-type: none">• Crosstabs• Highlight Tables
7.	Calculations <ul style="list-style-type: none">• Customising your data• Analysing data with quick table calculations
8.	Showing breakdowns of the whole <ul style="list-style-type: none">• Bar Graphs• Pie Charts• Treemaps
9.	Adding Context <ul style="list-style-type: none">• Reference Lines• Reference Bands• Annotations
10.	Making your views available <ul style="list-style-type: none">• Dashboards• Stories