

Business Skills - Advanced Tableau

| | |
|----------------|-----------------------------|
| Code: | TABLEAU-ADV |
| Length: | 2 days |
| URL: | View Online |

This two day course is designed to provide you with the skills required to become a Tableau power user. The course is designed for the professional who has solid working experience with Tableau and wants to take it to the next level. You should have a deep understanding of all the fundamental concepts of building worksheets and dashboards, but may scratch your head when working with more complex issues.

Who Can Benefit

- Tableau Advanced Users

Prerequisites

- Tableau Introduction or equivalent knowledge

Course Details

- Calculated Fields
- Date Calculations:
 - Date
 - DateAdd
 - DateDiff
 - DateParse
 - Today()
 - Now()
 - MakeDate & MakeDateTime
- Aggregate Calculations & Ratios
- Logical Calculations:
 - If/Then
 - IIF
 - Case/When
 - IfNull
 - IsNull
 - ZN
- Level of Detail Calculations
- Parameters:
 - Pre-defined Lists for Faster Filtering

- Top N Filter
- Reference Line Parameter
- Swapping Dimensions or Measures in a View
- What If Analysis

- Using Actions to Create Interactive Dashboards:
 - Filter Actions
 - Highlight Actions
 - URL Actions

- Combining Parameters and Actions: On Demand Charts

- Advanced Chart Types (usually focus on what's most relevant to your needs)
 - Bar in Bar Chart
 - Bulletgraphs
 - Sparklines
 - Slope Charts
 - Building a Slope Chart with a Continuous Axis
 - Building a Slope Chart with a Discrete Axis (i.e. Rankings)
 - Pie Charts on Maps
 - Control Charts
 - Pareto Charts
 - Gantt Charts and Dual Axis Gantt Charts

- Advanced Segmentation
 - Dynamic Sets
 - Top N Sets
 - Conditional Sets
 - Combined Sets
 - Clustering

- Advanced Analytics
 - Reference Bands and Reference Distributions Explained:
 - Reference bands
 - Reference Distributions
 - 60, 80% of Total, Percentiles
 - Quantiles
 - Standard Deviation
 - Box Plots
 - Forecasting

- Advanced Formatting & Dashboard Best Practices
 - Layout Containers

- Floating Elements
- When to Use Which
- Effective Dashboard Layouts
- Layout Best Practices
- Titles and Labeling
- Color Choices
- Do
- Don't
- Guided Analytics
- Advanced Tooltips
- Custom Shapes & Custom Color Palettes
- Storypoints

Bonus Material

- Advanced Extracts
 - Performance Tuning
 - Some Performance Best Practices
 - Using Tableau Server
 - To Publish a Workbook to Tableau Server
 - A New Perspective on Using Server
- End of Day 4 could be workshop time to answer questions, help students create some dashboards off their data, etc.