



# Tableau Advanced

Course ID #: 0360-750-02-W

Hours: 14

## Course Content

### Course Description:

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.

### Target Student:

- Tableau Advanced Users

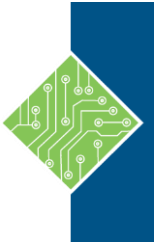
### Prerequisites:

- Tableau Introduction or equivalent knowledge

### Topics:

#### Advanced Interactivity and Storytelling with Data (Days 3 and 4)

- 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



# Tableau Advanced

Course ID #: 0360-750-02-W

Hours: 14

- 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 them create some dashboards off their data, etc.**