

# Tableau Bootcamp

Launch your career in data by diving into data visualization and Tableau in our Tableau Bootcamp. In this two-day, 14-hour bootcamp you'll go from learning about data to creating your own visualizations, constructing maps, and building interactive dashboards that you can share with your team.

**Group classes in NYC and on-site training is available for this course.**

For more information, email [nyc@careercenters.com](mailto:nyc@careercenters.com) or visit: [careercenters.com/courses/tableau-bootcamp](https://careercenters.com/courses/tableau-bootcamp)



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## Course Outline

This package includes these courses

- Tableau Level I
- Tableau Level II

### Tableau Level I

#### Understanding Data

- What is data
- Where to find data
- Foundations for building Data Visualizations

#### Creating Your First visualization

- Getting started with Tableau Software
- Using Data file formats
- Connecting your Data to Tableau
- Creating basic charts (line, bar charts, Treemaps)
- Using the Show me panel

#### Tableau Calculations

- Overview of SUM, AVR, and Aggregate features
- Creating custom calculations and fields
- Applying new data calculations to your visualization

#### Formatting Visualizations

- Formatting Tools and Menus
- Formatting specific parts of the view

- Editing and Formatting Axes

### **Manipulating Data in Tableau**

- Cleaning-up the data with the Data Interpreter
- Structuring your data
- Sorting and filtering Tableau data
- Pivoting Tableau data

### **Advanced Visualization Tools**

- Using Filters
- Using the Detail panel
- Using the Size panels
- Customizing filters
- Using and Customizing tooltips
- Formatting your data with colors

### **Creating Dashboards & Stories**

- Using Storytelling
- Creating your first dashboard and Story
- Design for different displays
- Adding interactivity to your Dashboard

### **Distributing & Publishing Your Visualization**

- Tableau file types
- Publishing to Tableau Online
- Sharing your visualization
- Printing and exporting

## **Tableau Level II**

### **Intro to Data Maps**

- Concepts of mapping data
- Requirements in mapping data
- Formatting geographic data for Tableau
- Using Polygon data
- Using background images
- Using Mapbox maps
- Customizing maps layers and map options

### **Creating Visualization Maps**

- Creating Choropleth maps
- Creating Proportional Symbol maps
- Tracking data over time using maps
- Creating Spider maps
- Creating Heat maps
- Density Maps
- Distributing and Publishing your map Visualization

## Creating custom charts

- Cyclical data and circular area chart
- Dual Axis Charts
- Dual Axis (Layered) Maps
- Alluvial Diagram
- Ranking Chart
- Sheet swapping and dynamic dashboards