CSCE 5320 Scientific Data Visualization

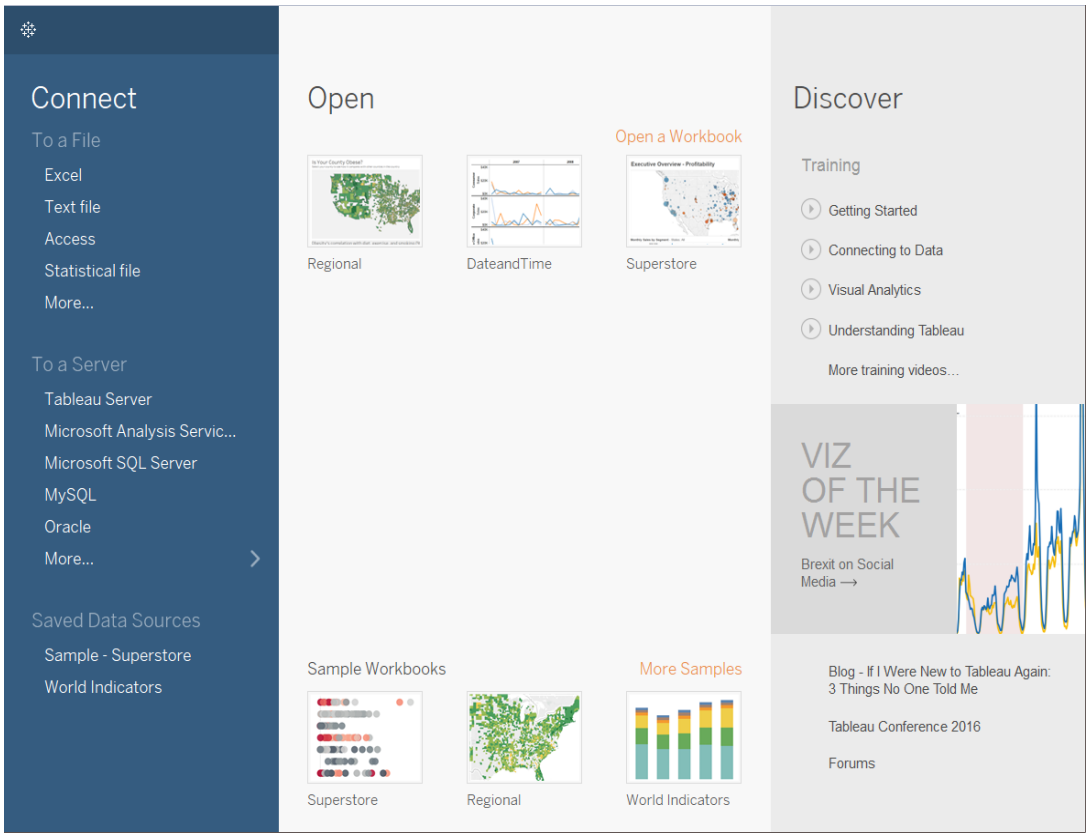
Introduction to Tableau

Tutorial

1. Download Tableau

https://www.tableau.com/products/trial

2. Open Tableau



The start page gives you several options to choose from:

Tableau icon. Click in the upper left corner of any page to toggle between the start page and the authoring workspace.

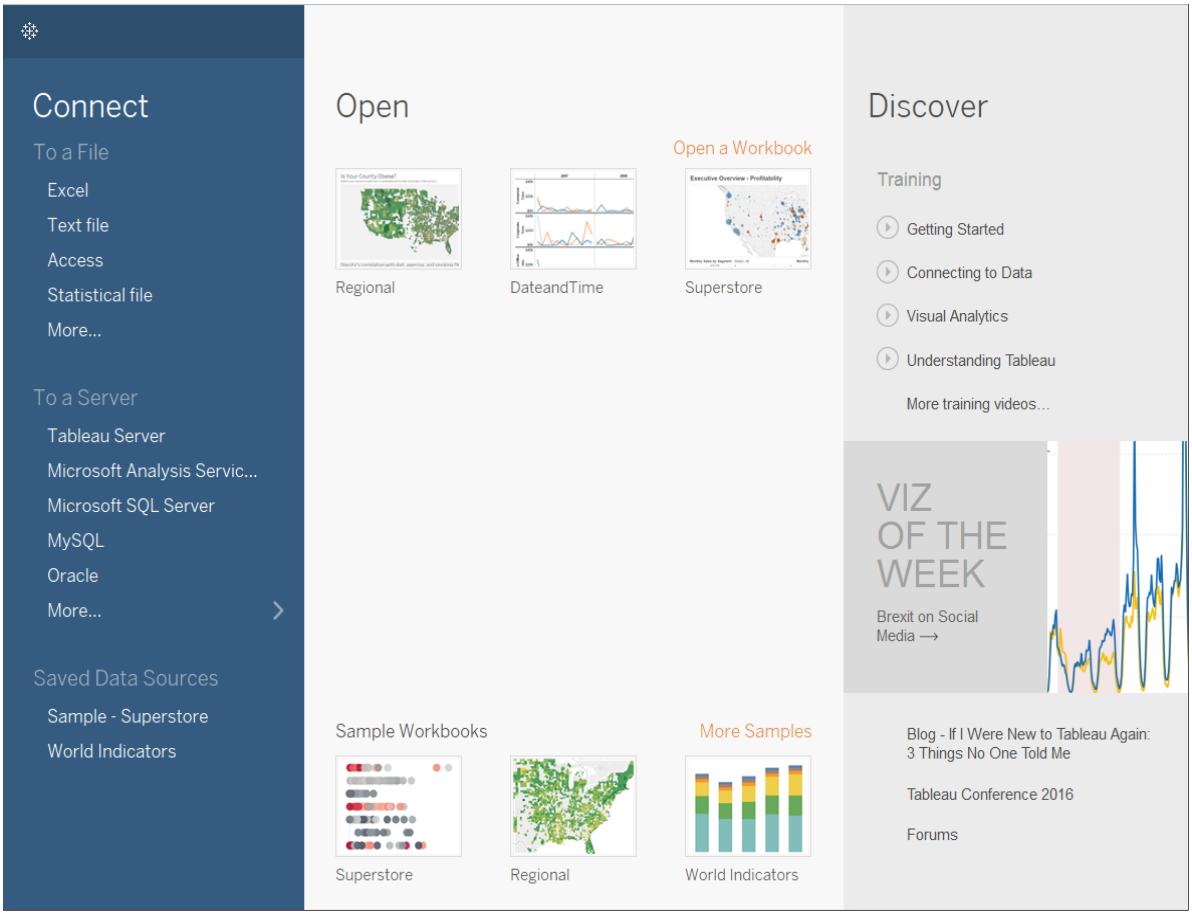
Connect pane. Under **Connect**, you can:

- Connect to data that is stored in a file, such as Microsoft Excel, PDF, Spatial files, and more.
- Connect to data that is stored on Tableau Server, Microsoft SQL Server, Google Analytics, or another server.
- Connect to a data source that you've connected to before.

Tableau supports the ability to connect to a wide variety of data stored in a wide variety of places. The **Connect** pane lists the most common places that you might want to connect to.

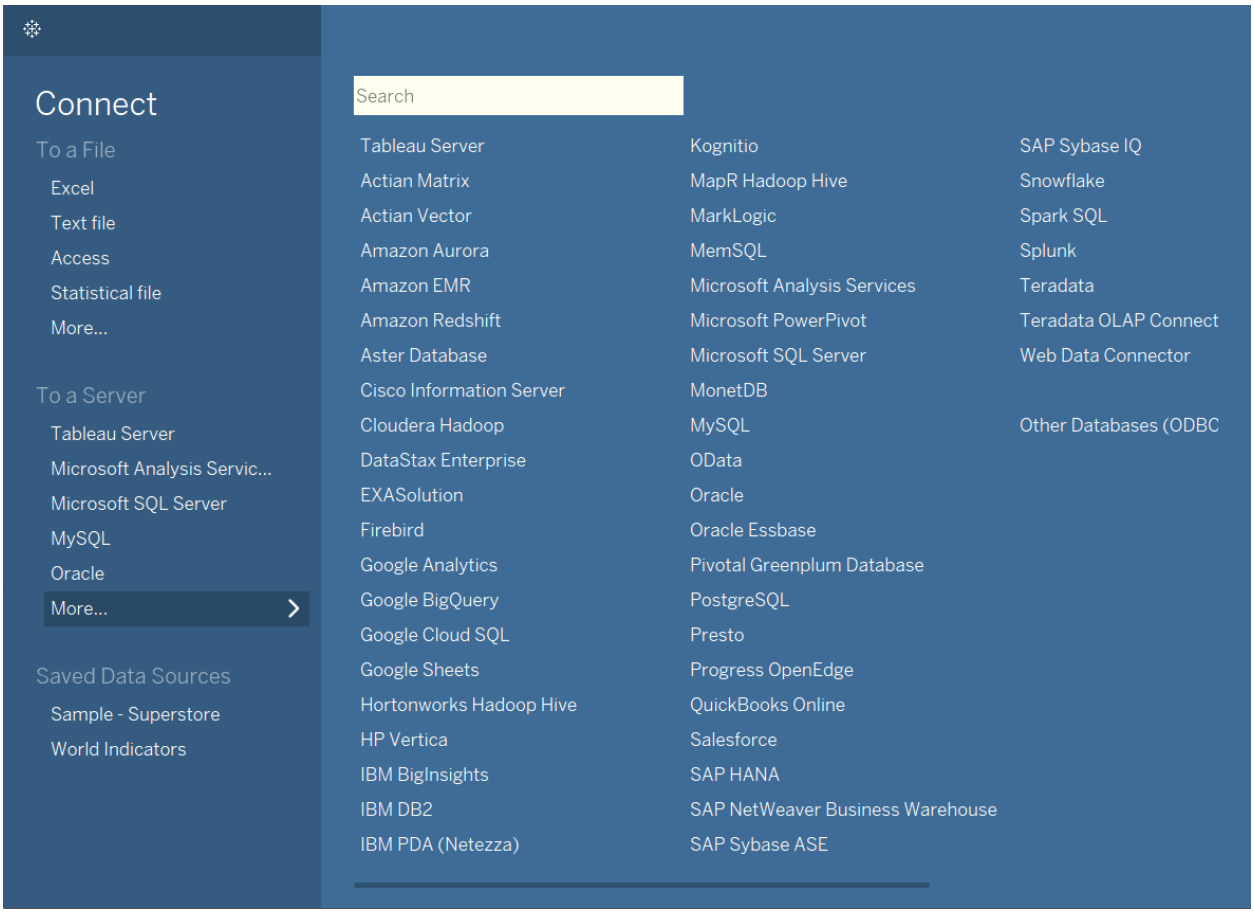
3. Under **Sample Workbooks**, view sample dashboards and worksheets that come with Tableau Desktop.

4. Under **Open**, you can open workbooks that you've already created.



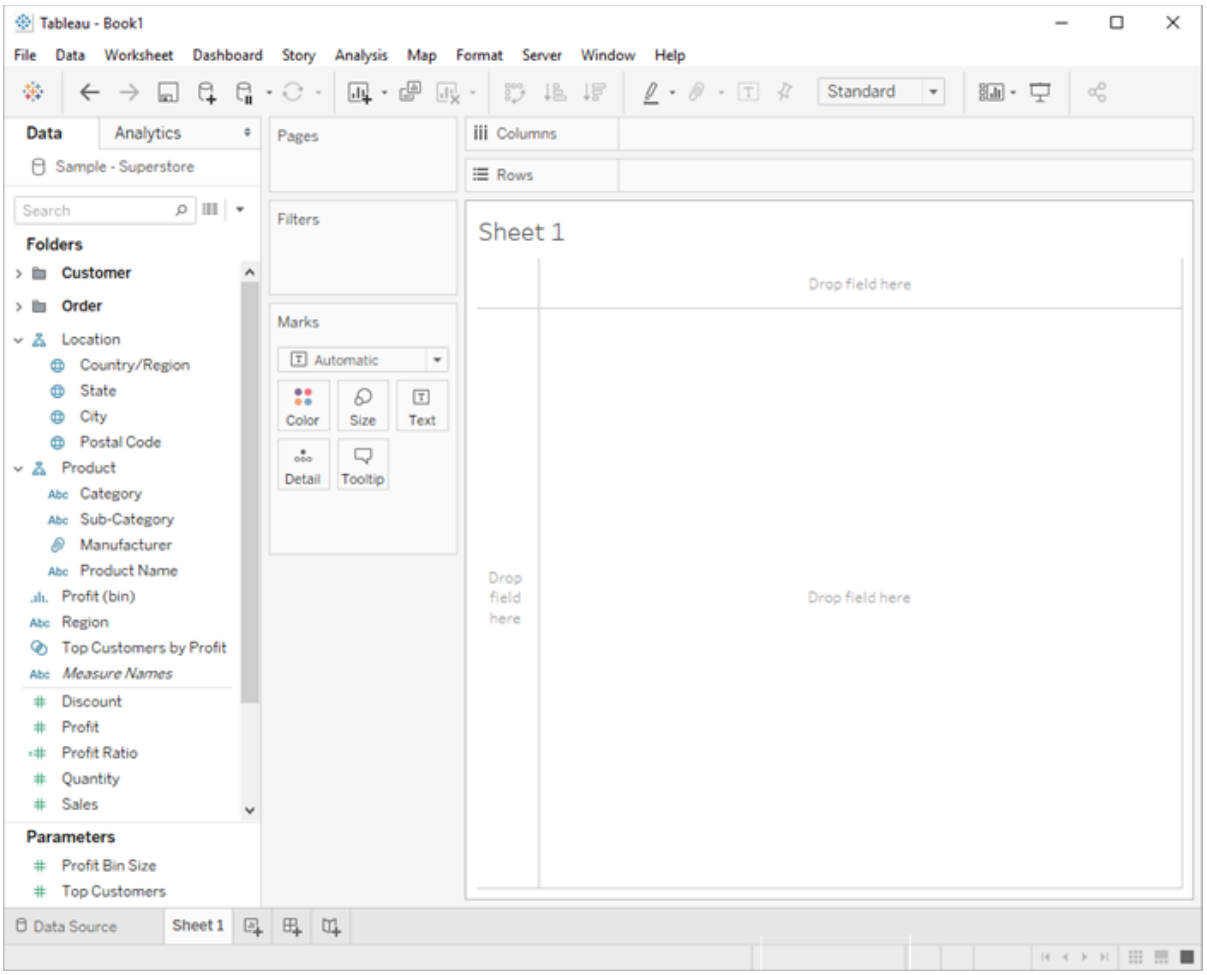
Build a Basic View to Explore Your Data

Connect to your data



The first step is to connect to the data you want to explore.

- Open Tableau. On the start page, under **Connect**, click Microsoft Excel. In the Open dialog box, navigate to the Excel file on your computer.
- After you connect to the Excel data, the *data source page* shows the sheets or tables in your data. Drag the "Orders" table to the *canvas* to start exploring that data.

- 
Tableau - Book1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Data
Analytics
Sample - Superstore
Search
Folders
Customer
Order
Location
Country/Region
State
City
Postal Code
Product
Category
Sub-Category
Manufacturer
Product Name
Profit (bin)
Region
Top Customers by Profit
Measure Names
Discount
Profit
Profit Ratio
Quantity
Sales
Parameters
Profit Bin Size
Top Customers
Pages
Filters
Marks
Automatic
Color
Size
Text
Detail
Tooltip
Columns
Rows
Sheet 1
Drop field here
Drop field here
Drop field here
Data Source
Sheet 1