

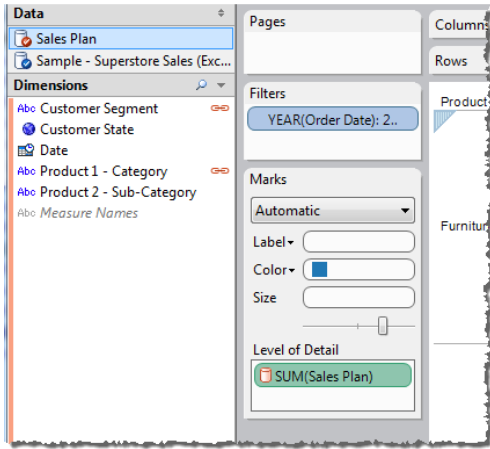
Data Integration

Combine data from multiple data sources onto a single sheet using data integration. The Data window includes a list of all the data sources you're connected to. Relationships between the data sources are automatically created or you can define custom relationships.

1 Connect to Multiple Data Sources

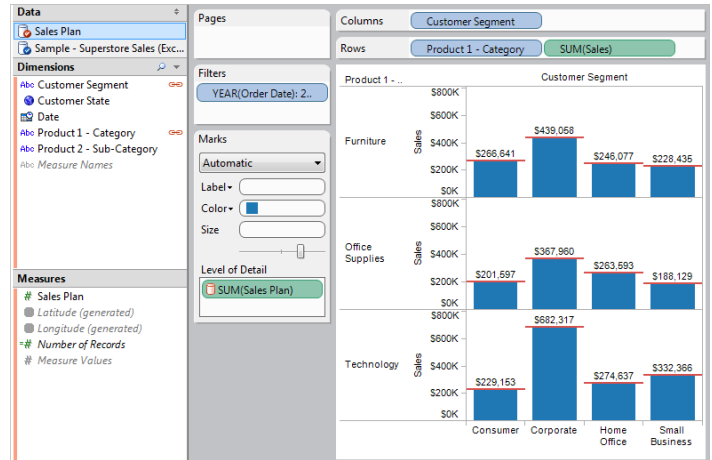
Select **Data > Connect to Data** to connect to at least two data sources. The data sources are shown in a drop-down list at the top of the Data window.

The Data window color codes the primary and secondary data sources with a colored bar down the left side.



2 Use Fields From Both Data Sources

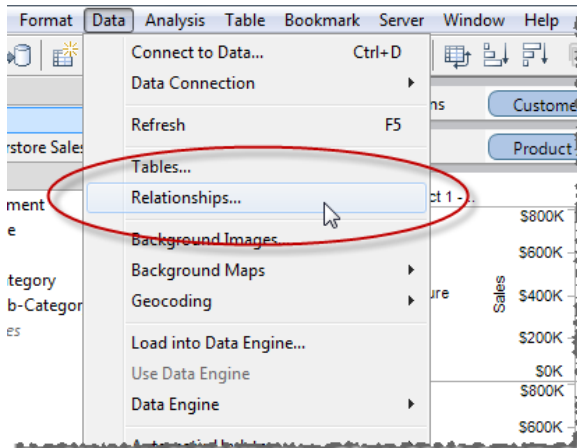
When you drag a field from a secondary data source into the view, Tableau automatically creates relationships between the data sources. The related fields are marked with a Link icon in the Data window.



In this view, the bars are created using the Sales values from the primary connection (Superstore Sales) while the reference lines show the Sales Plan values from the secondary connection (Sales Plan).

3 Create Custom Relationships

Relationships are automatically created based on field names, however, you can define custom relationships by selecting **Data > Relationships**.



4 Edit and Define Relationships

In the Relationships dialog box, select the primary data source in the drop-down at the top of the dialog box. Then select the secondary data source. Any automatic relationships are shown or you can select **Custom** and then click **Add** to relate fields from each data source.

