Trend Lines Step by Step Guide
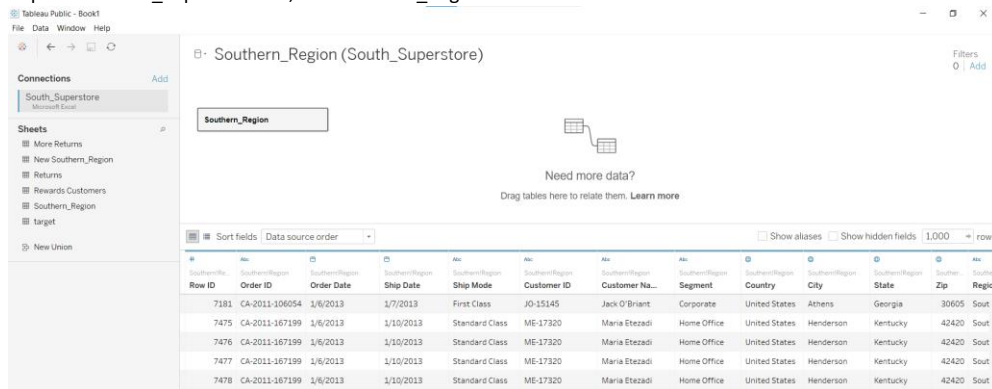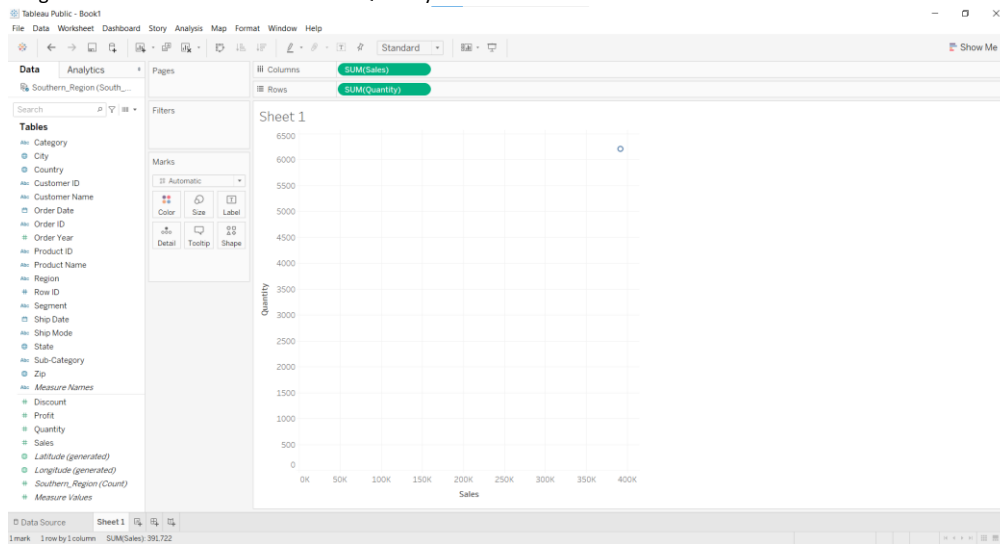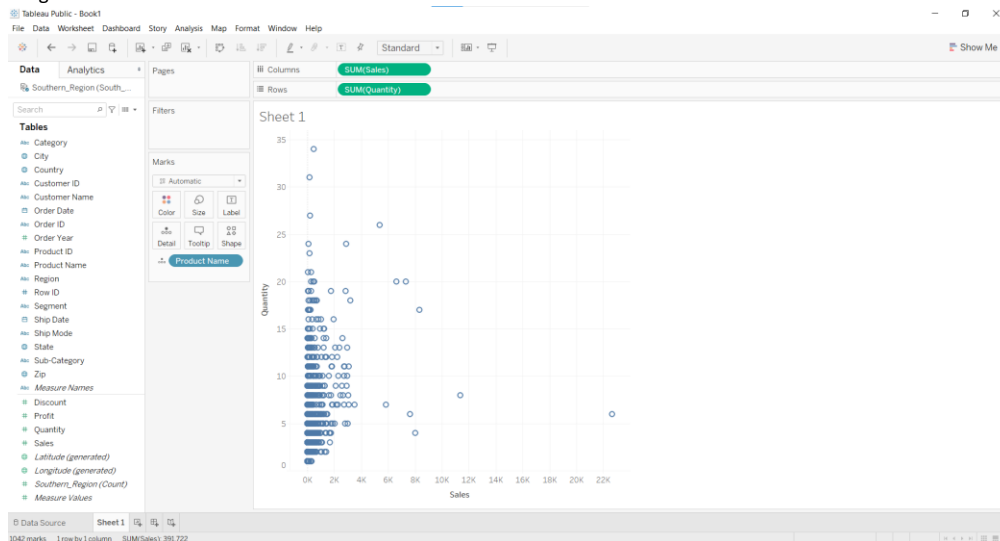
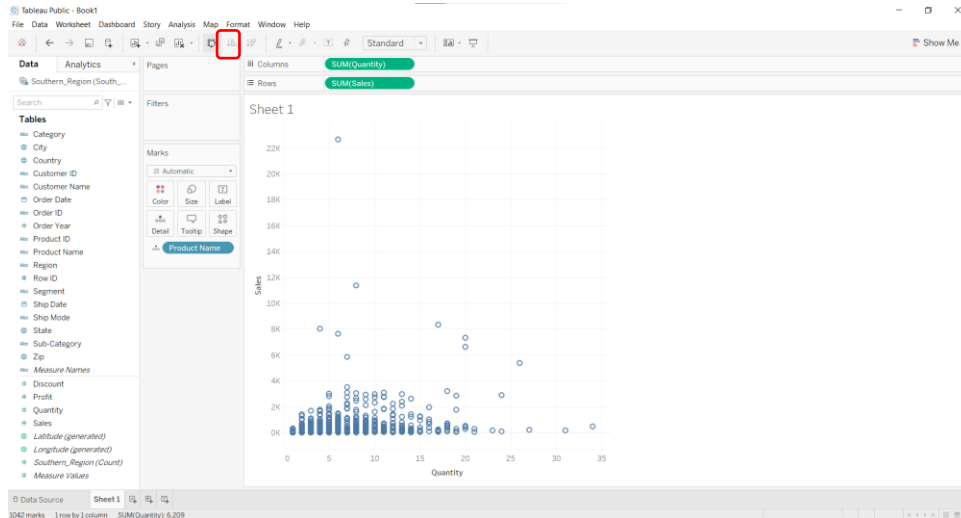1. Import Southern_Superstore file, add Southern_Region sheet

2. Drag Sales field to the Column shelf and Quantity field to the Rows shelf
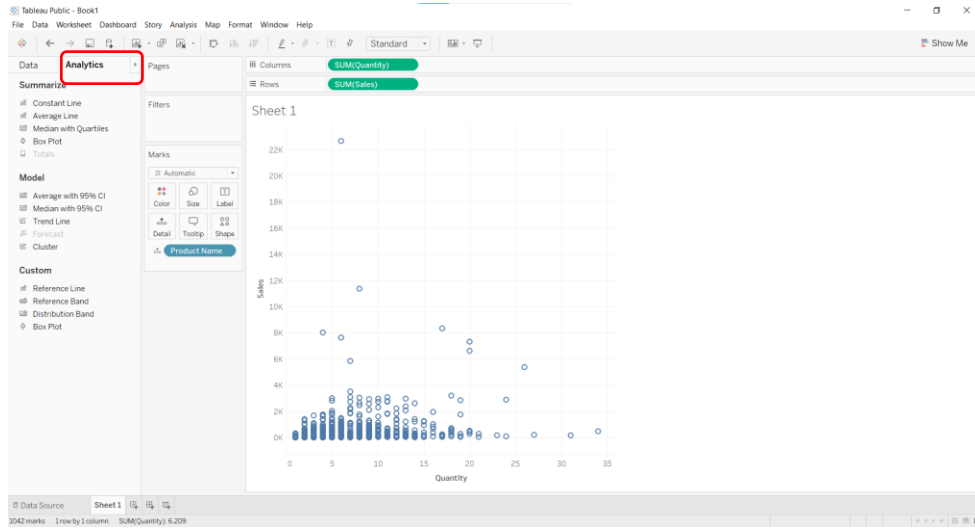

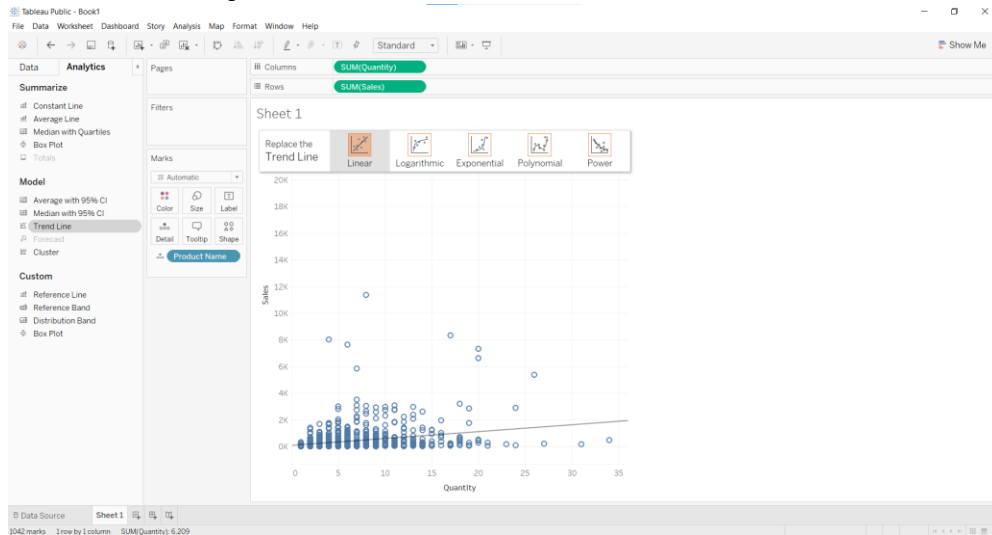3. Drag Product Name field to the view

4. Click the Swap button to have the quantity on the X axis and Sales on the Y axis

5. Go to Analytics pane

6. Select Trend Line and drag it to the Linear box

7. You can change the trend line type by dragging again the field into one of the other boxes : Polynomial, Exponential, Logarithmic, Power. When hovering the trend line you will notice several figures: R-Squared (how well the line fits the data – closer to 1 means better) and p-value (the smaller the p-value, the more confident we are that the relationship between x values and y values are not just by chance). The first line is the equation used to compute a value of Sales from a value of Quantity