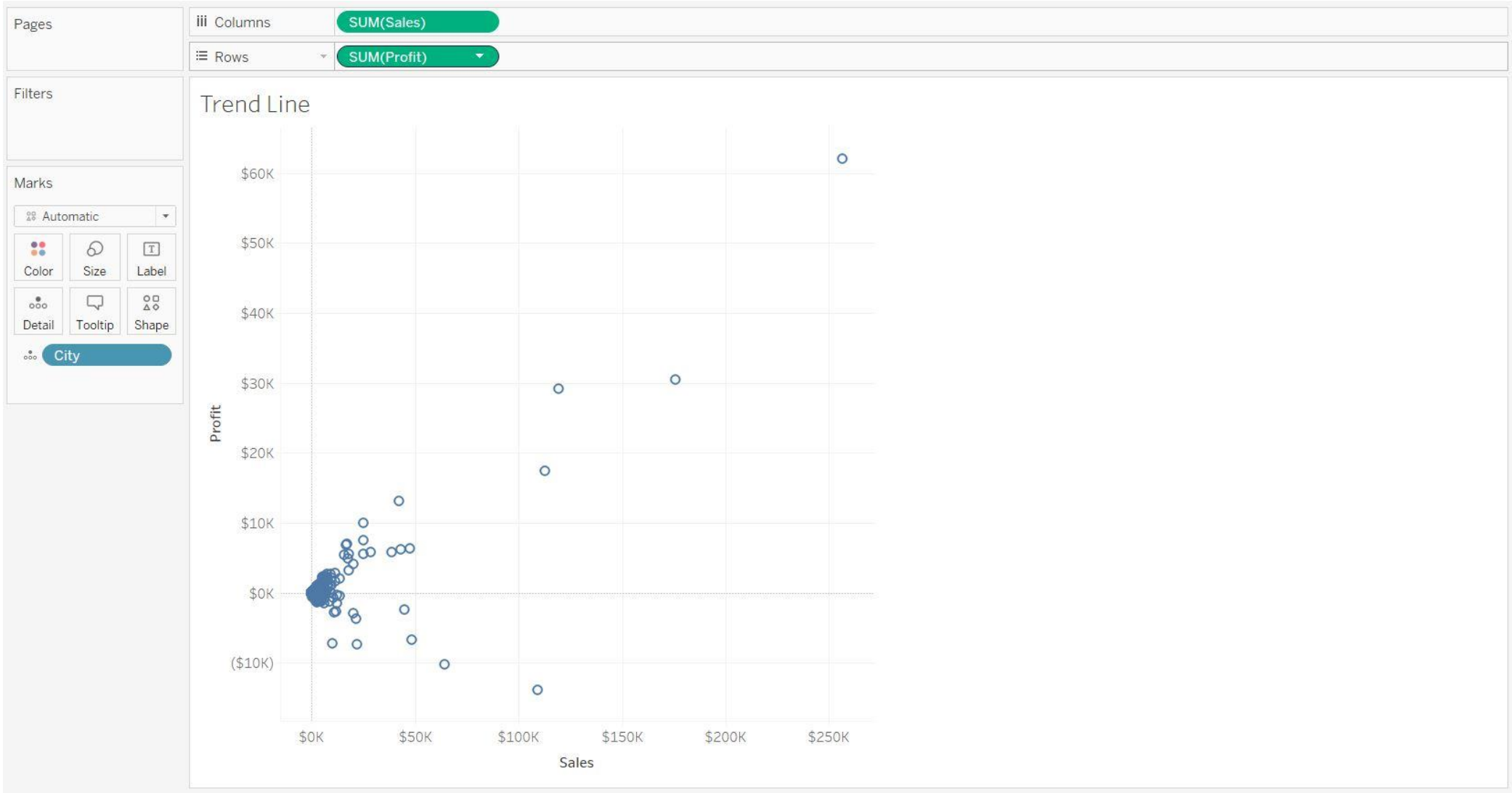
HOW TO ADD A TREND LINE

STEP 1: Assume that we have a Scatter Plot of Sales Vs Profit with City in Detail of Marks card

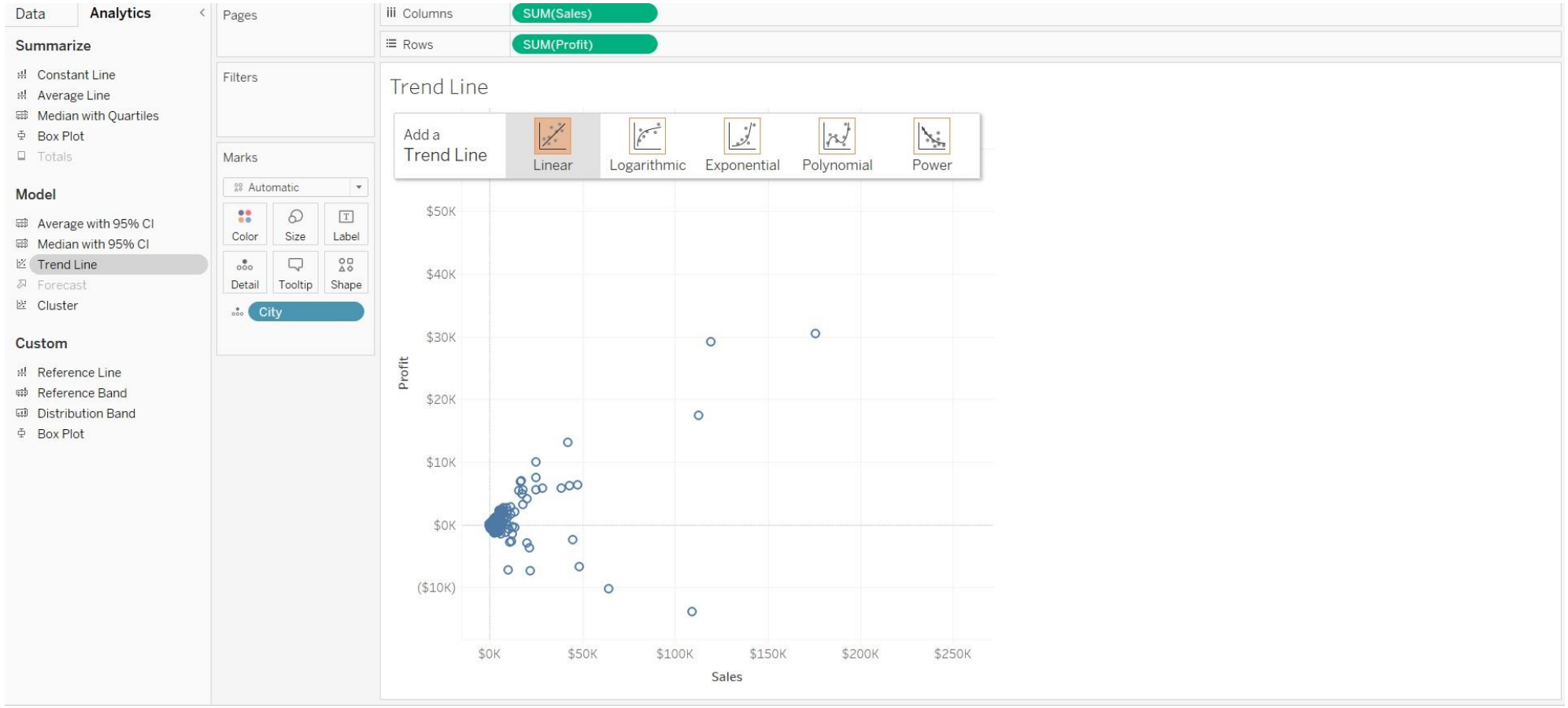


HOW TO ADD A TREND LINE

STEP 2: Drag **Trend Line** from the **Analytics** pane into the view.

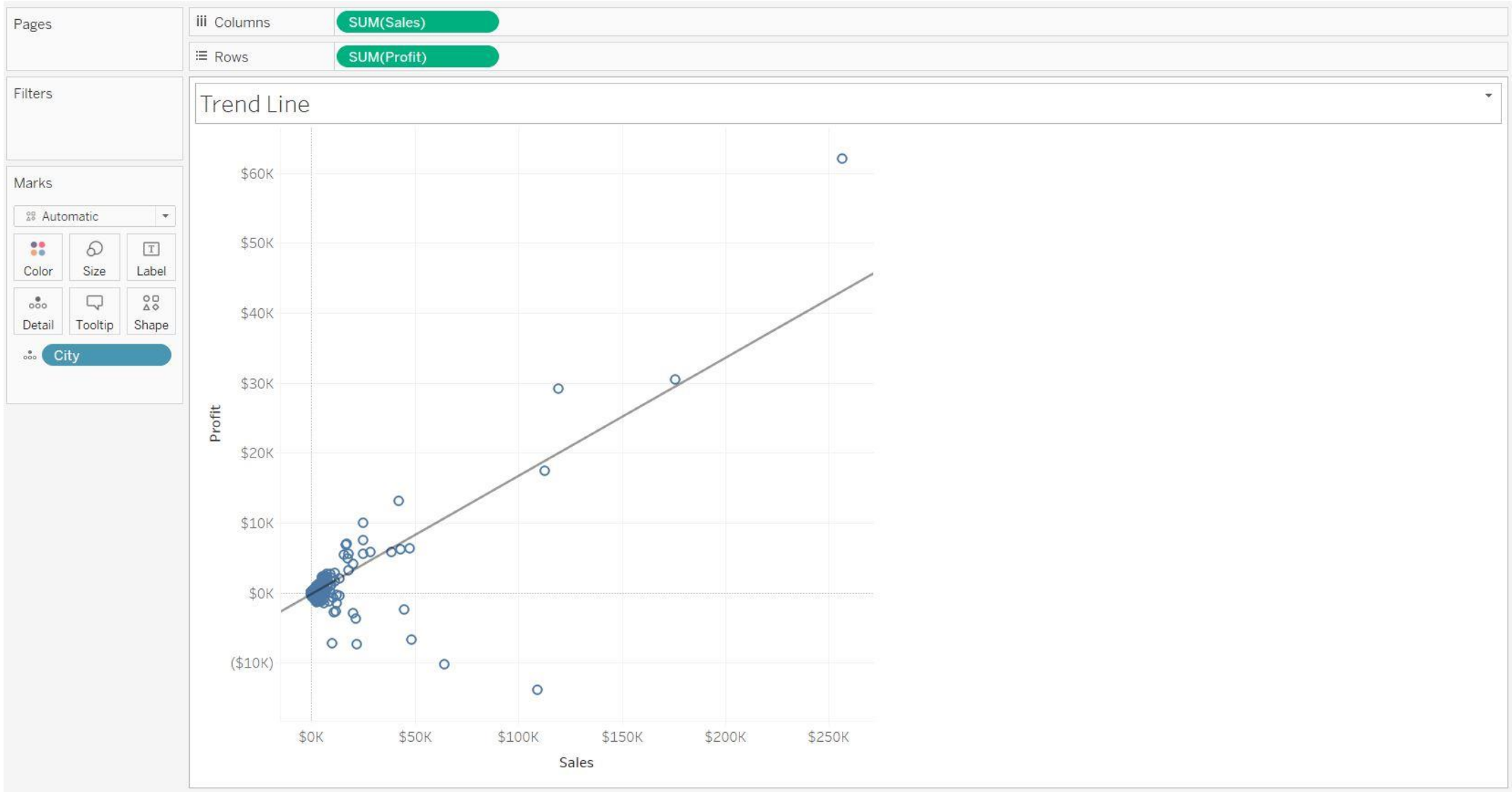
There are many drop target area options: Linear, Logarithmic, Exponential, Polynomial, or Power model types

For this example, we will drop it in **Linear**



HOW TO ADD A TREND LINE

STEP 3: The added Trend Line is now visible in the view



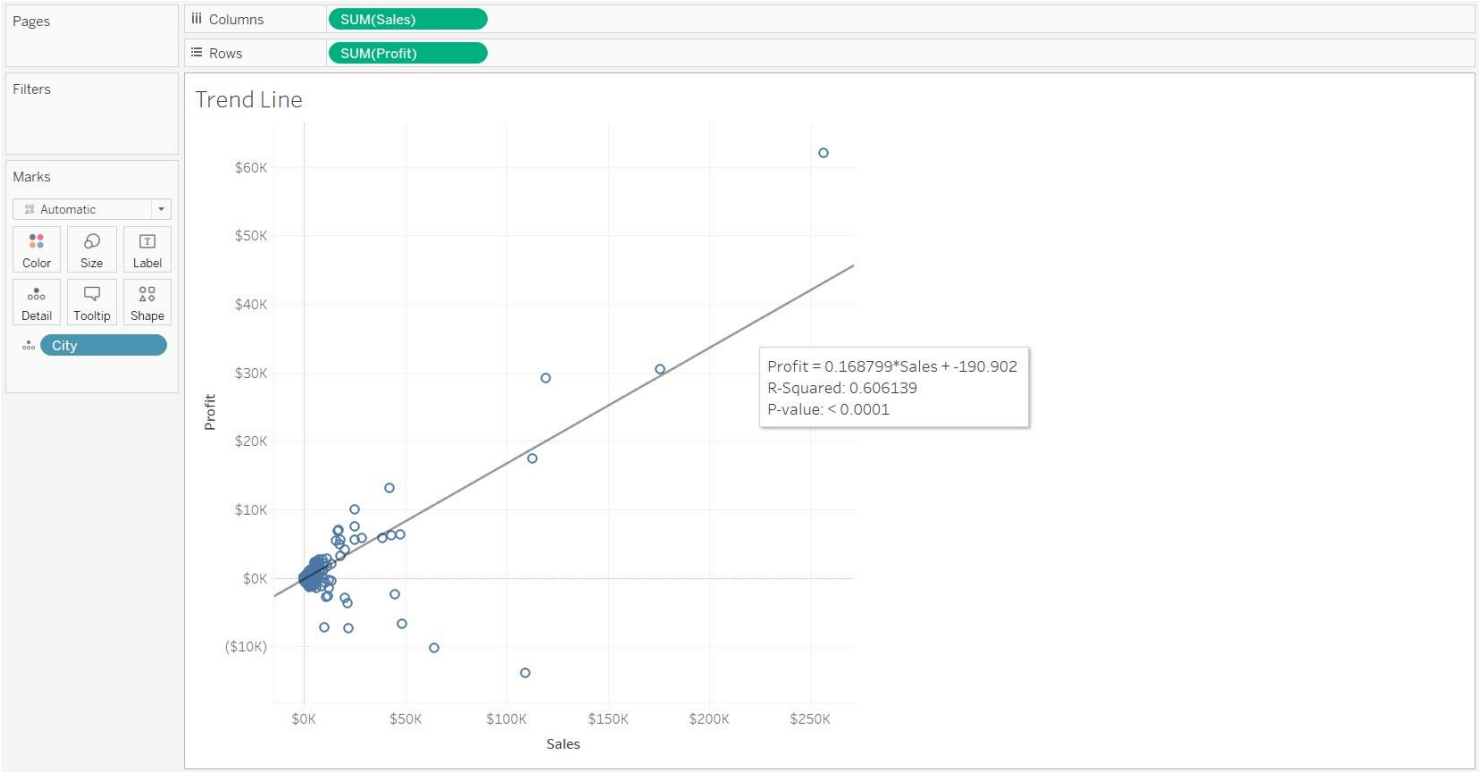
HOW TO ADD A TREND LINE

STEP 4: Hover over any part of a trend line to see its description.

The 1st line is the formula to determine the Profit based on Sales

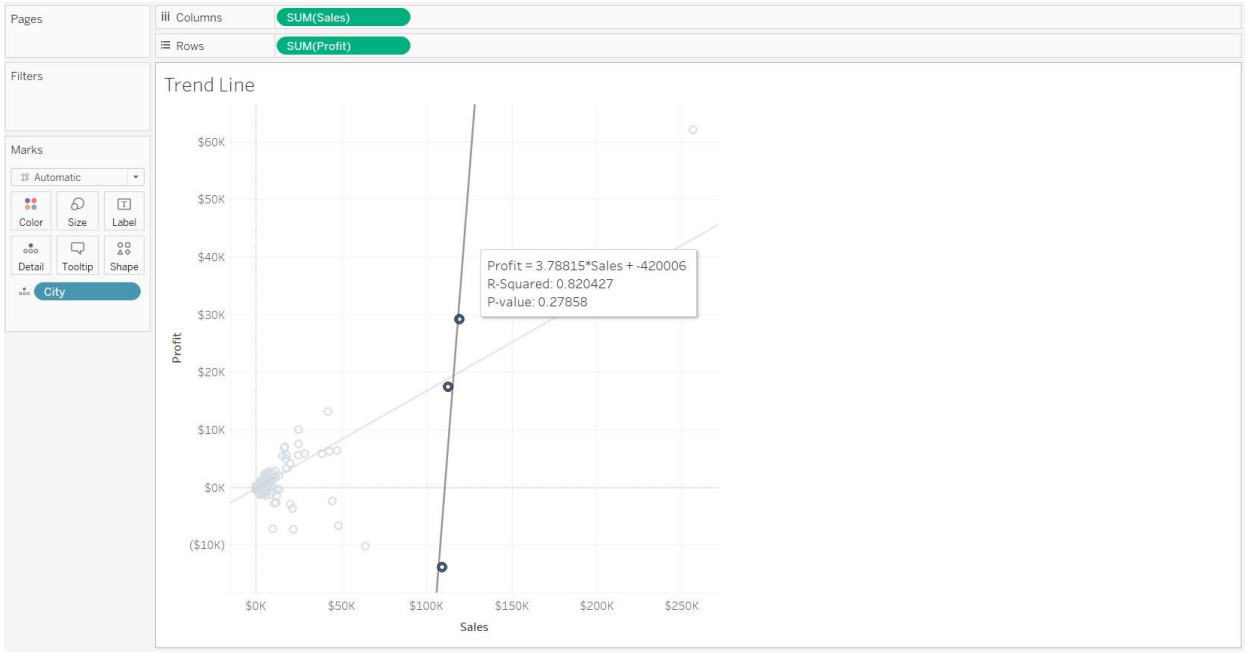
The 2nd line is the **R-Squared** is the statistical measure of how well the data fits the linear model. R Value needs to be closer to 1 for a good fit

The 3rd line is the **p-value** is the probability value that is associated with the significance. Ideally it should be lesser than 0.05



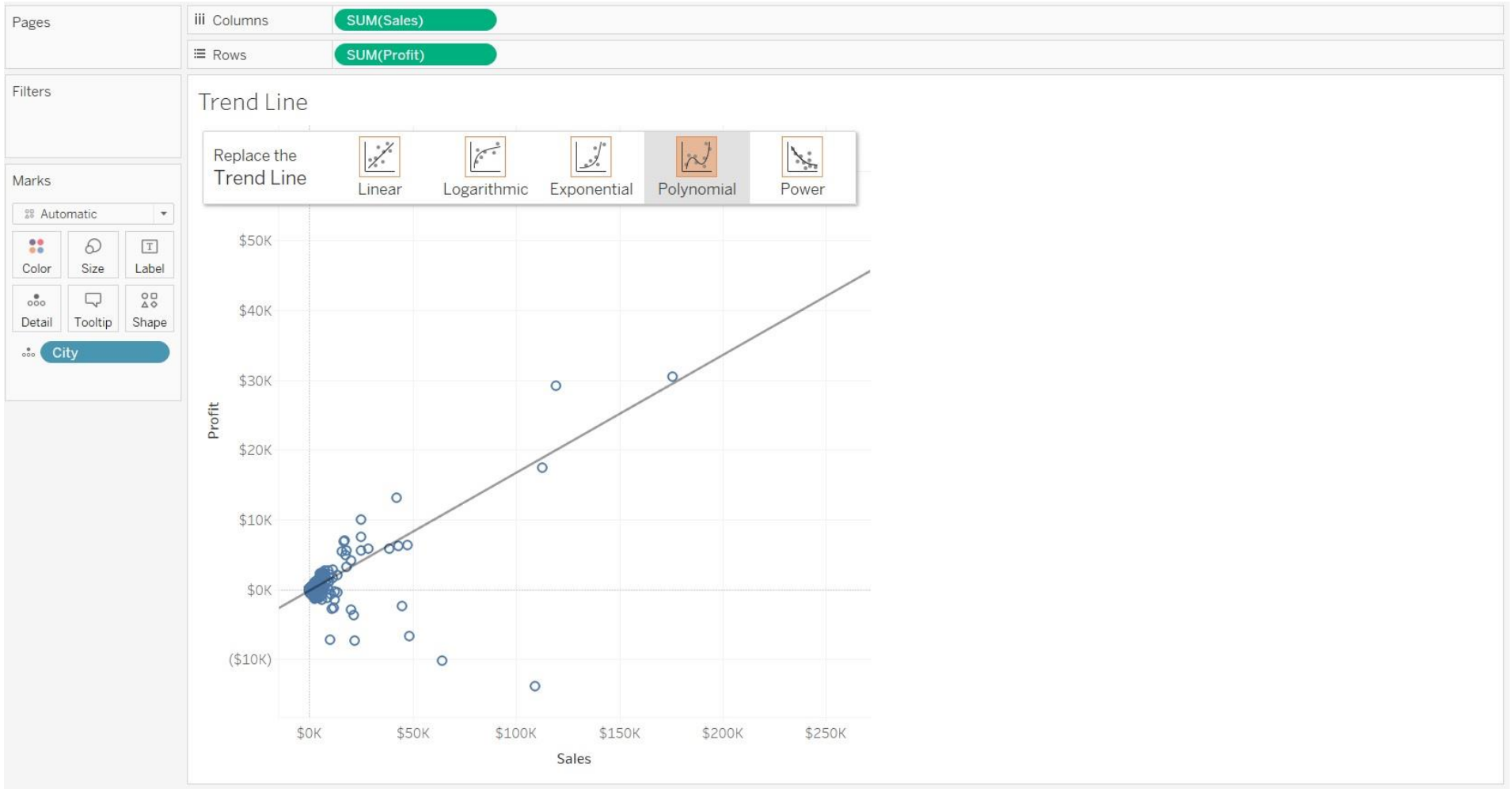
HOW TO ADD A TREND LINE

STEP 5: In case we select only few marks in the view a new trend line is plotted



HOW TO ADD A TREND LINE

STEP 6: If required we can also change the type of Trend Line to **Polynomial**



HOW TO ADD A TREND LINE

STEP 7: Hover over any part of a trend line to see its description.

Polynomial has a different formula and a better R-Squared value than the **Linear** Trend Line

Hence the **Polynomial** Trend Line is a better fit for this data set.