

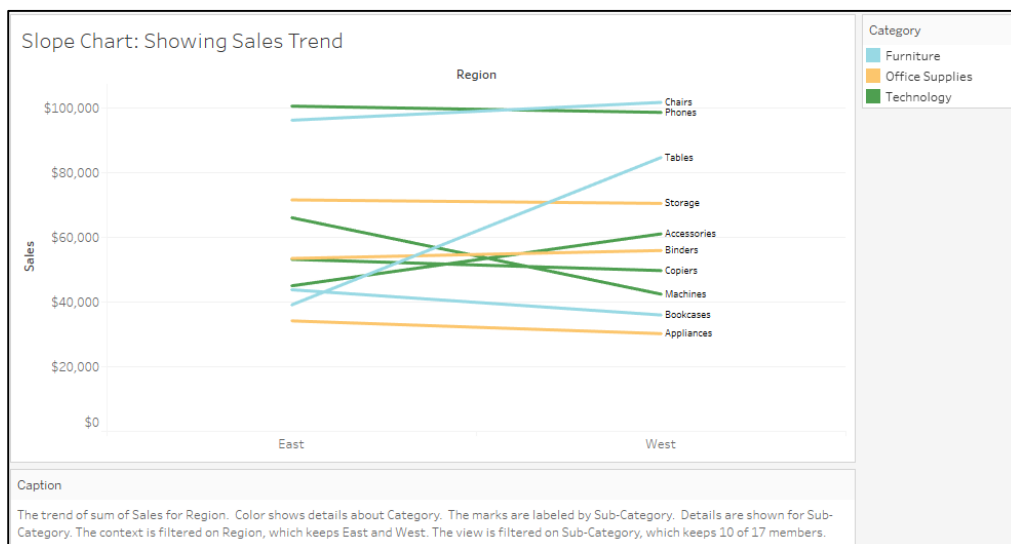


SLOPE CHART

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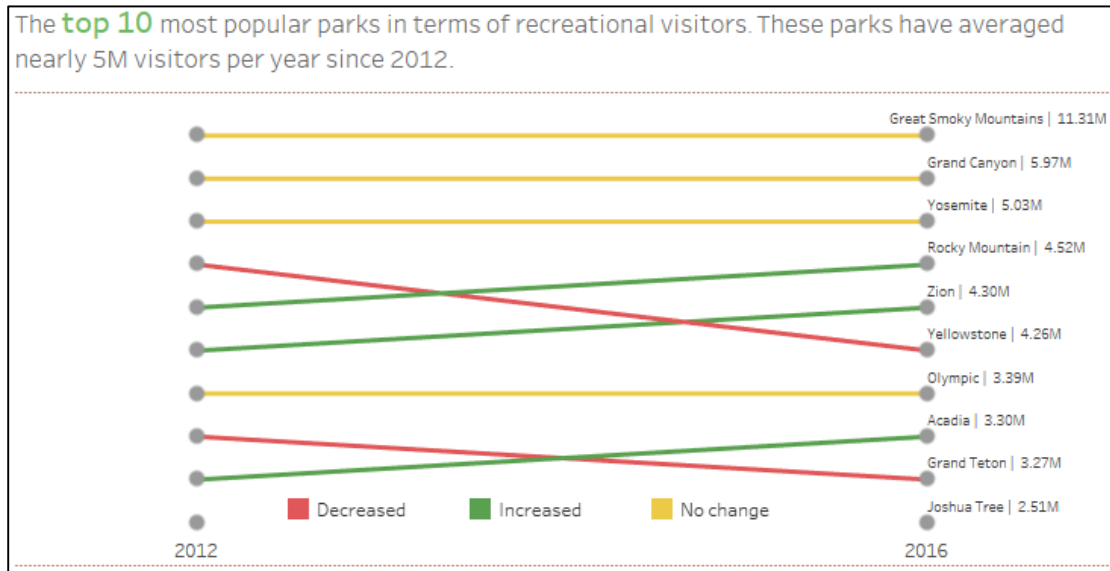
Slope charts are a great way to display a comparison between two data points. Slope charts play into our ability to judge slope fairly well. Slope charts display how things have changed between two instances of time. A slope chart allows you to visualize data in a way that makes a number of observations and comparisons easy.

Sample Slope Chart created in Tableau.



One can easily detect rise, or fall in values with the help of this chart. An elevated line infers rise in the values while declining values are represented by the down slope. When there are no changes in values, the slope appears as a straight line.

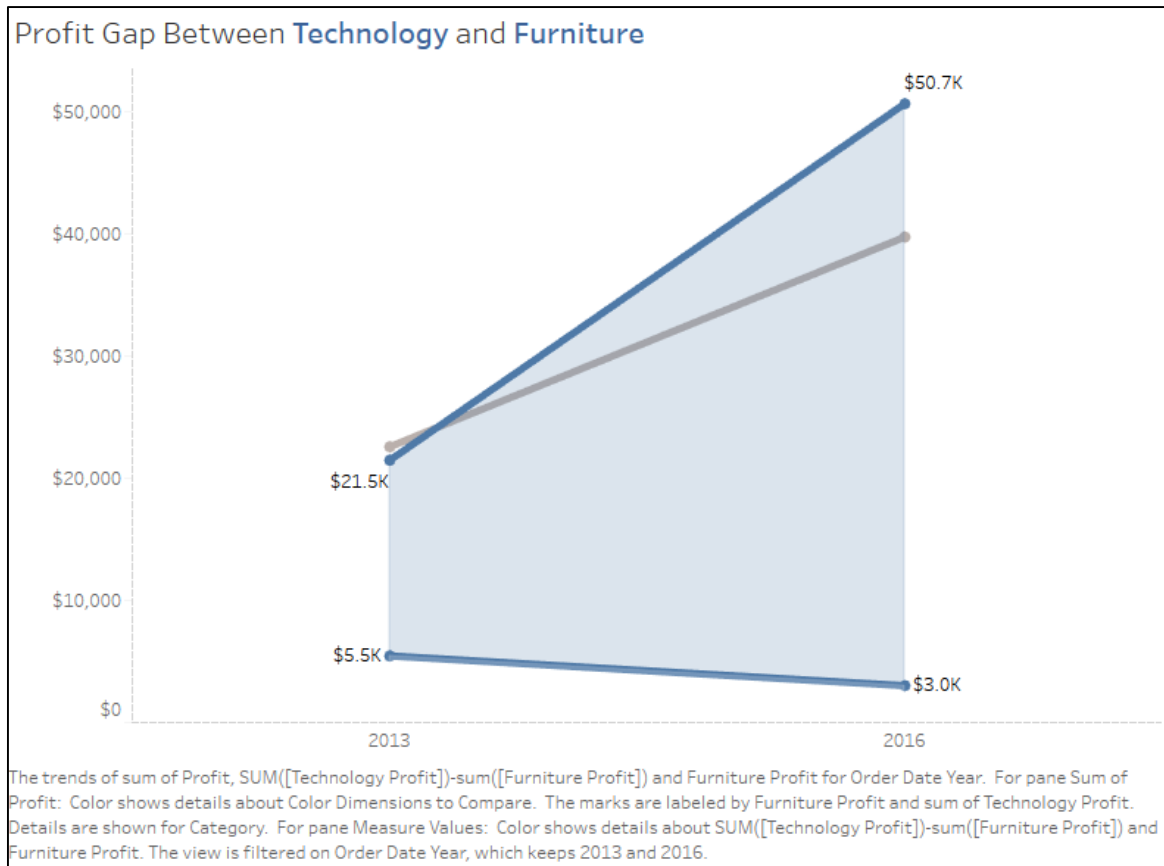
Here is another example of a Slope Chart.



Applications:

- When you are interested in deviations in the general trend.
- When you want to display how each category's difference relative to the company compares to the other categories.
- When you have data about a specific groups and want to display the specific numbers associated with multiple groups.

Here is an example of shaded slope chart.



References:

- <http://www.storytellingwithdata.com/blog/2014/03/more-on-slopegraphs>
- <http://pakaccountants.com/making-a-slope-graph-in-excel/>
- <https://www.tableau.com/about/blog/2017/2/how-create-shaded-slope-charts-tableau-65904>