

How to Create a Graph

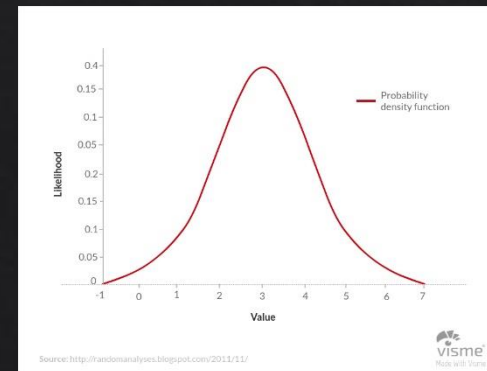
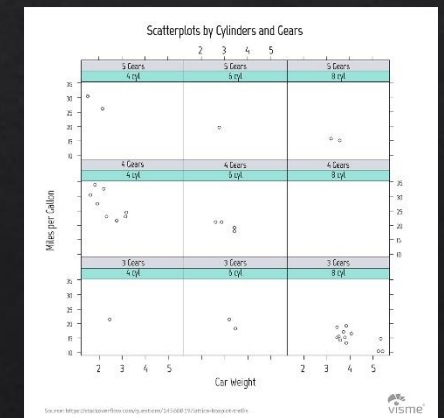
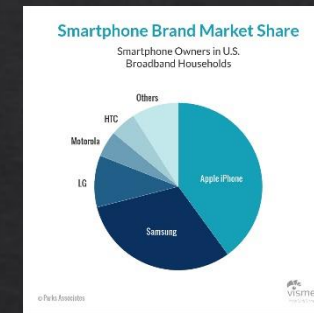
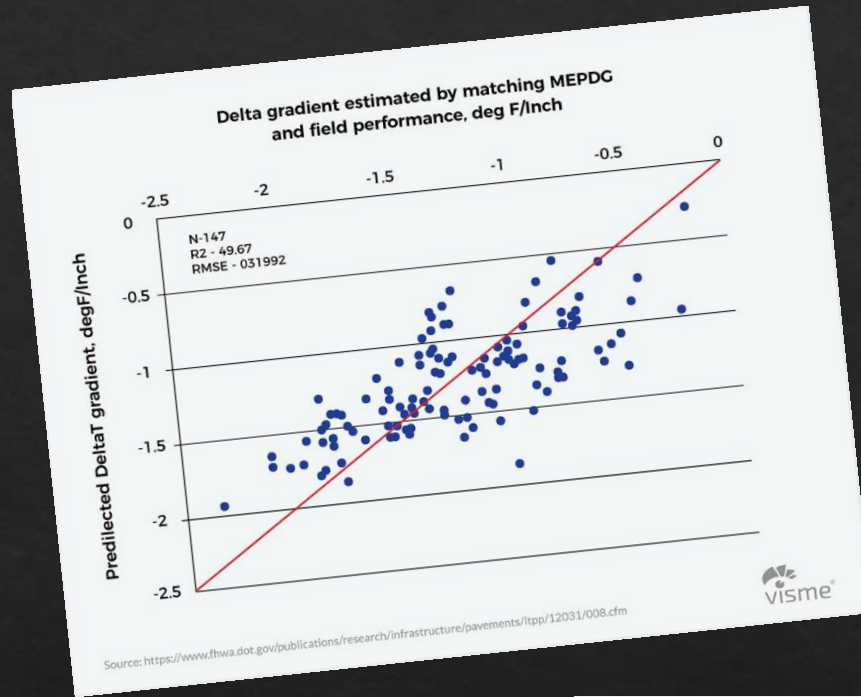
Seriously, there is a format to creating graphs

Why create graphs?

- ◆ Visual representation of data
- ◆ Easier to understand trends
- ◆ Can group data to better understand categories

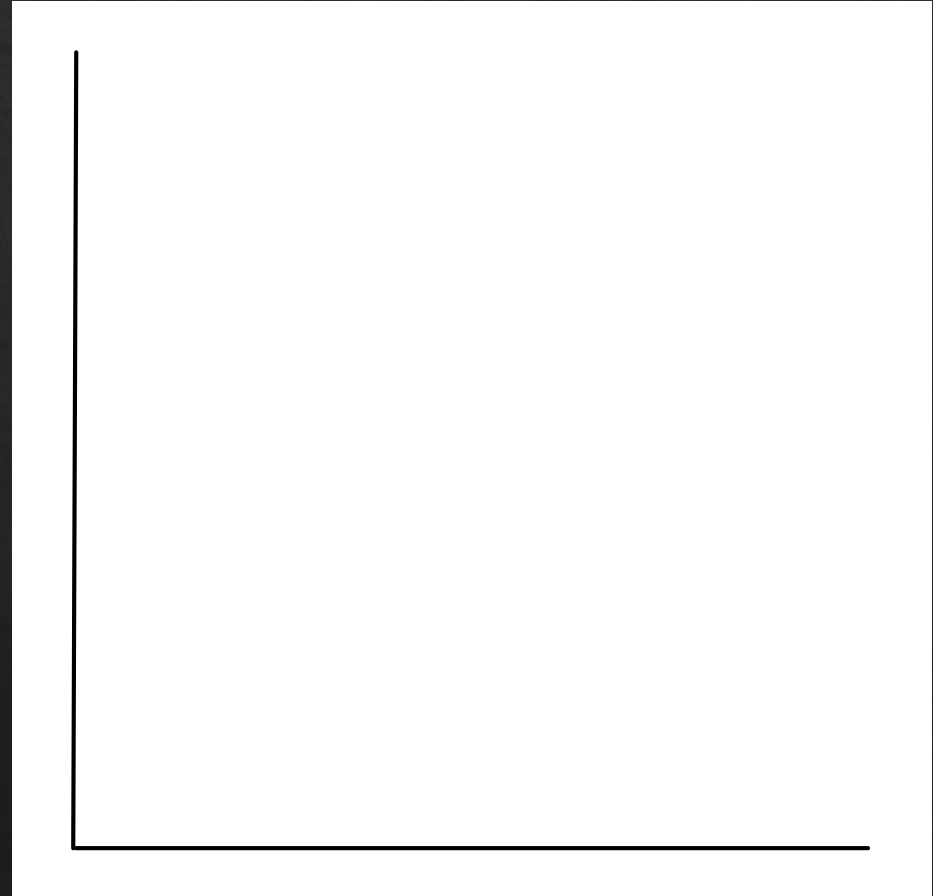
Types of graphs

- ◇ Line graphs
- ◇ Bar graphs
- ◇ Circle graphs
- ◇ Histogram
- ◇ Pie chart
- ◇ Scatter plots
- ◇ Trellis plots
- ◇ Function plots
- ◇ And super lots more...



How to create a basic graph

1. Draw out the axis

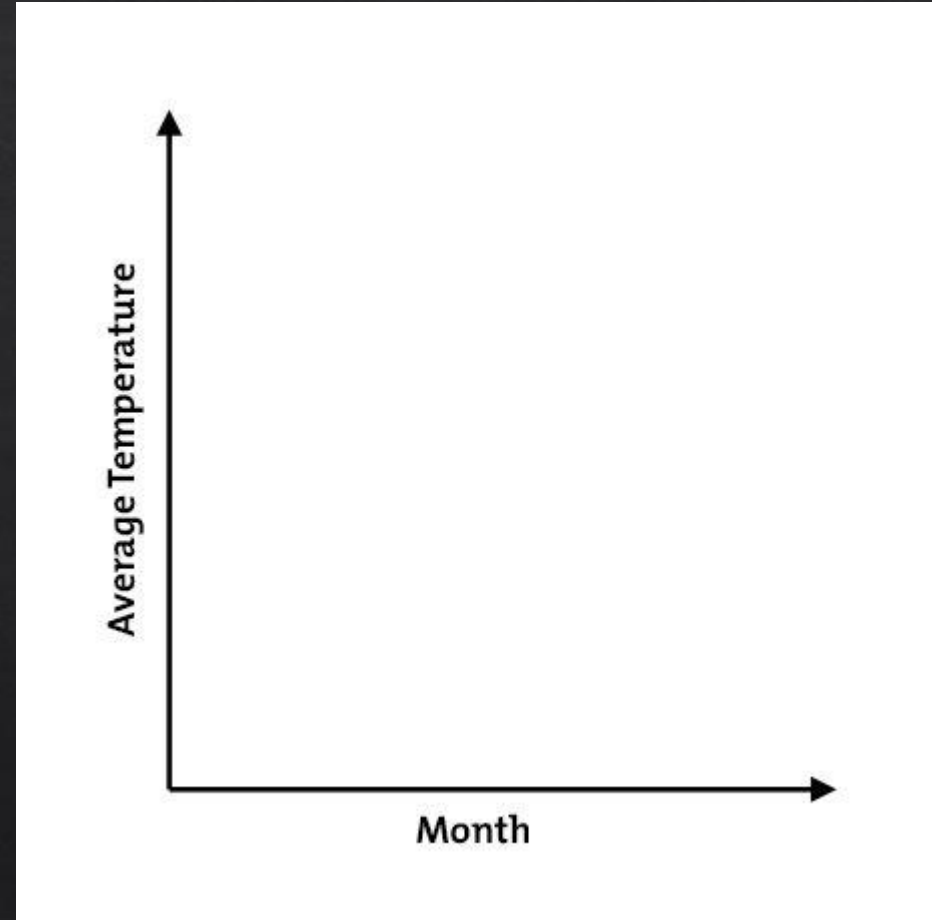
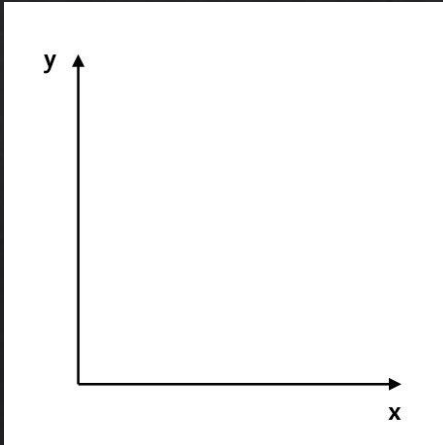


How to create a basic graph

2. Label the x-axis and the y-axis

(independent variable is on y-axis)

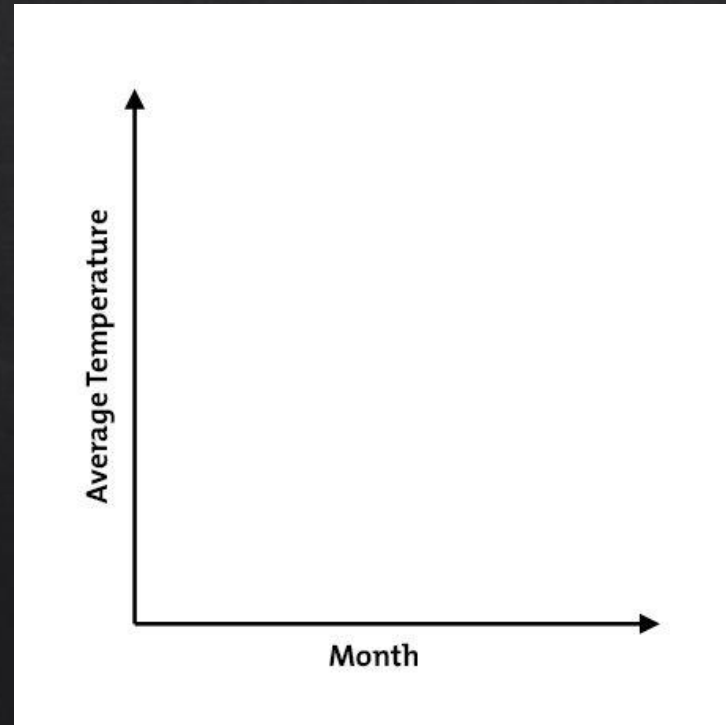
(dependent variable is on x-axis)



How to create a basic graph

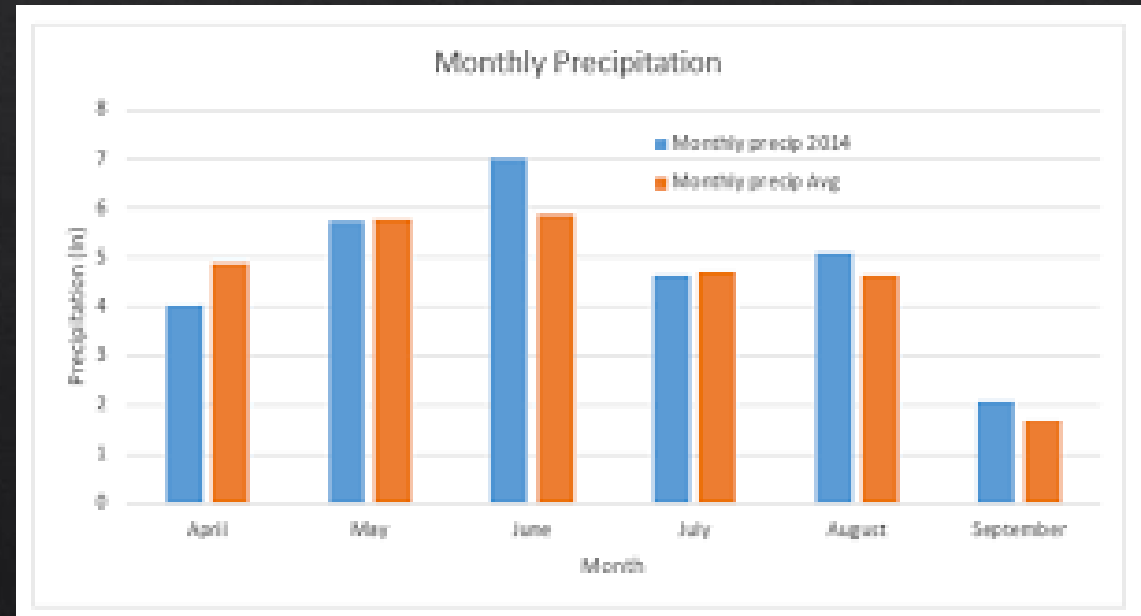
3. Create a title for your graph

How the Month Changes Temperature

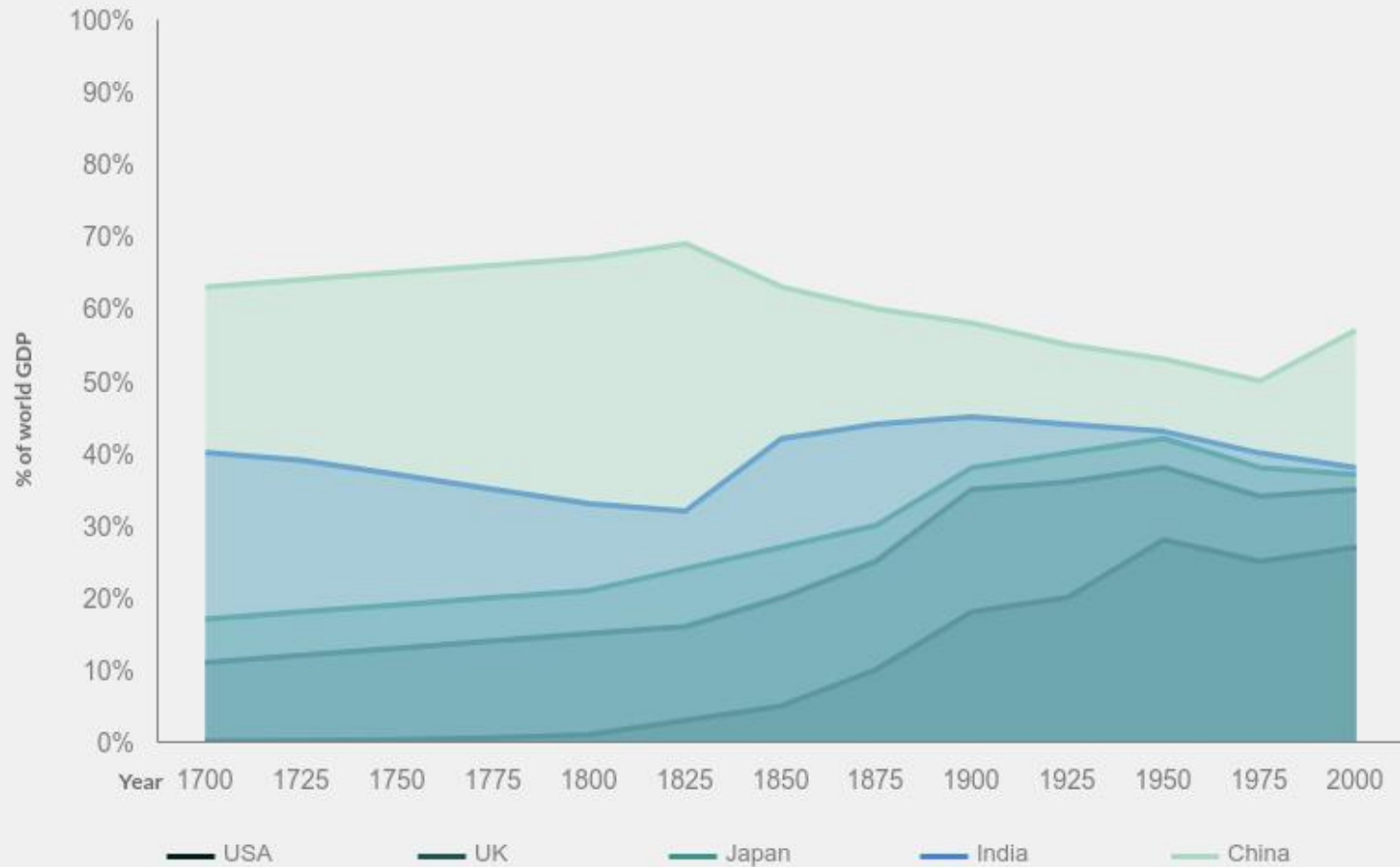


How to create a basic graph

4. Add your data to the graph
5. Color your data so it is easier to see data
6. Create a key for the different colors



% of world GDP from year 1700 to 2008 (area)



Source: <https://infogr.am/Share-of-world-GDP-throughout-history>