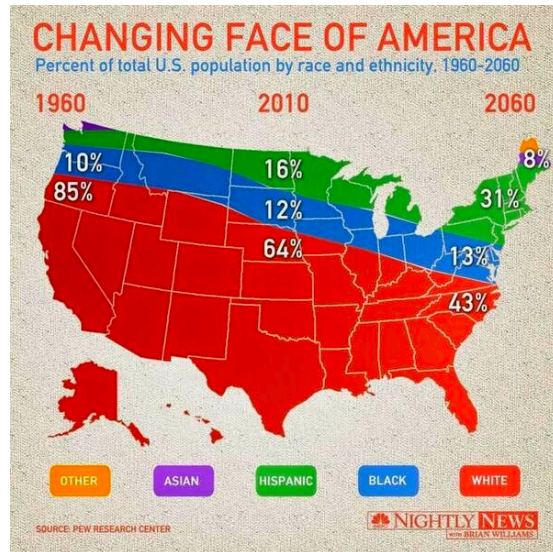
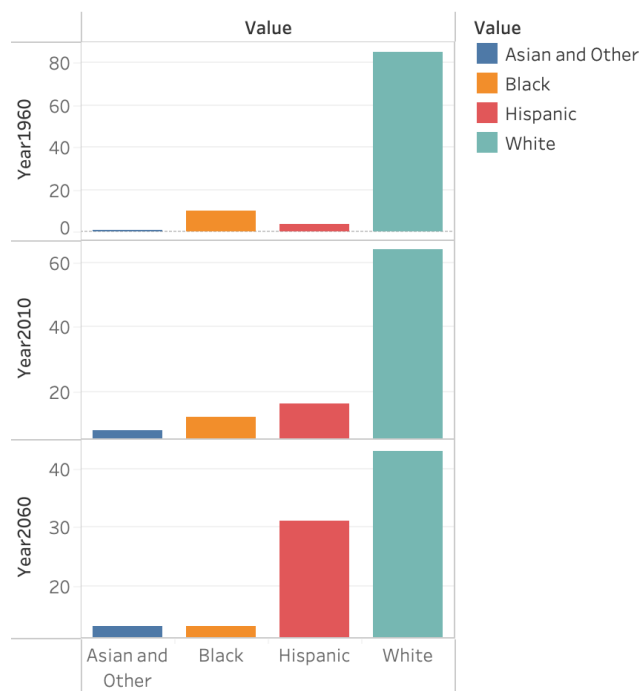


For Grade C:



They have tried to make this a stack bar chart, but if you see, it is completely wrong, like even though blacks are increasing the graph shows that they are decreasing. The graph is misleading as if you take a glance, once you may think even hispanics are decreasing sending the wrong message as to the demographics of this country. Rather than promoting all types of race, it looks like the country is favoring whites.



Year1960, Year2010 and Year2060 for each Value.
Color shows details about Value.

This is a better way, designed via Tableau. Multiple bar charts, they are easy to read and compare the data according to the years. Color also helps distinguish each race separately and the colors stay the same throughout the bar graphs.

For Grade B, I used the same example as above, but this time I made parallel co-ordinates, they are easier to compare. The link to the white-hat (parallel co-ordinates) is [here](#), it is a better way to represent the data.

For Grade A:

You can see that the black hat is a bar chart and the scale doesn't start from 0 for the Y axis. Bar charts must start from 0. The y axis is such that it goes from 5 to 20 which makes all there bars look small and as if there is no change. The scaling is incorrect, there is no title and the axis labels look weird and incorrectly positioned. Graph doesnt look compact, last data point is out of the svg.

Link to Black Hat [here](#)

All the problems are solved. Labels are well placed, y-axis scaling is good and it starts from 0. You can see the difference in the millimeters more clearly. The graph in general looks neater. Padding is better as the graph looks compact. All datapoints are within sag and easier to compare.

Link to White Hat [here](#)

For Grade A+:

It is a pie chart so nothing is good. And this is straight up so bad. The labels are mixed, colors are repeated, data clutter is present. Title is absent

Link to Black Hat [here](#)

Here I simply created a pie called other which is better as it reduces clutter at the same time gives focus to the big pies. Some group data is hidden but its easier that way. Title is given to the visualization.

Link to White Hat [here](#)

Works Cited:

<https://flowingdata.com/2014/04/16/weird-stacked-area-map-thing/>