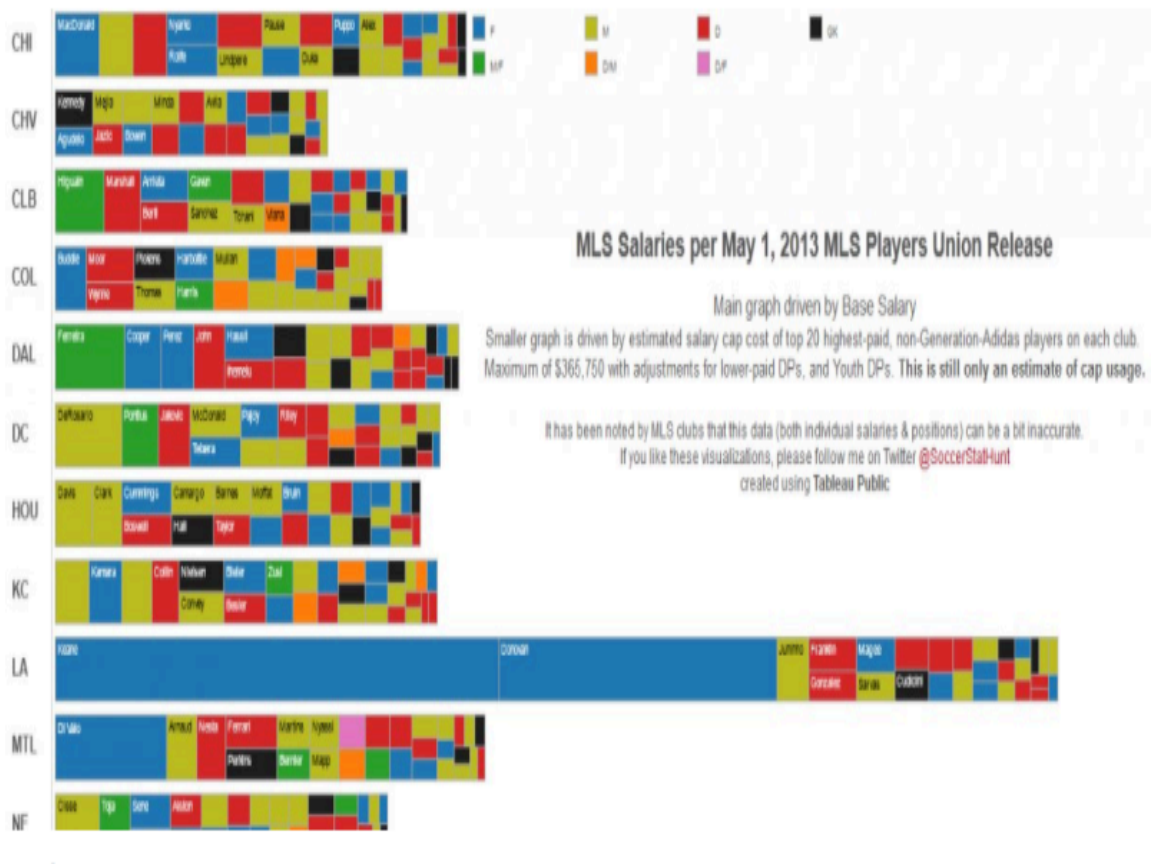


INFSCI 2725: DATA ANALYTICS

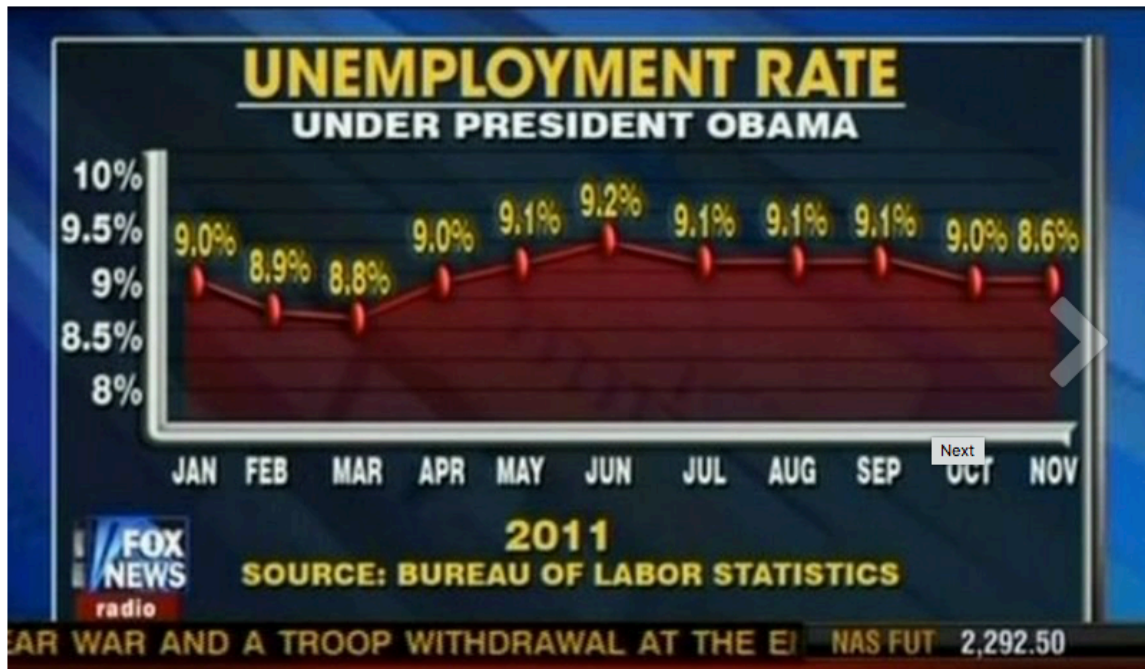
Assignment-9: by Nidhi Agarwal

Graph-1



- It shows salary of soccer players.
- Impossible to read and understand it at all.
- It is against the following principle: Clear, detailed, and thorough labeling should be used to defeat graphical distortion and ambiguity
- They could have plotted various sub-grpahs to elaborate salaries of different teams. Here, its all meshed up.

Graph-2



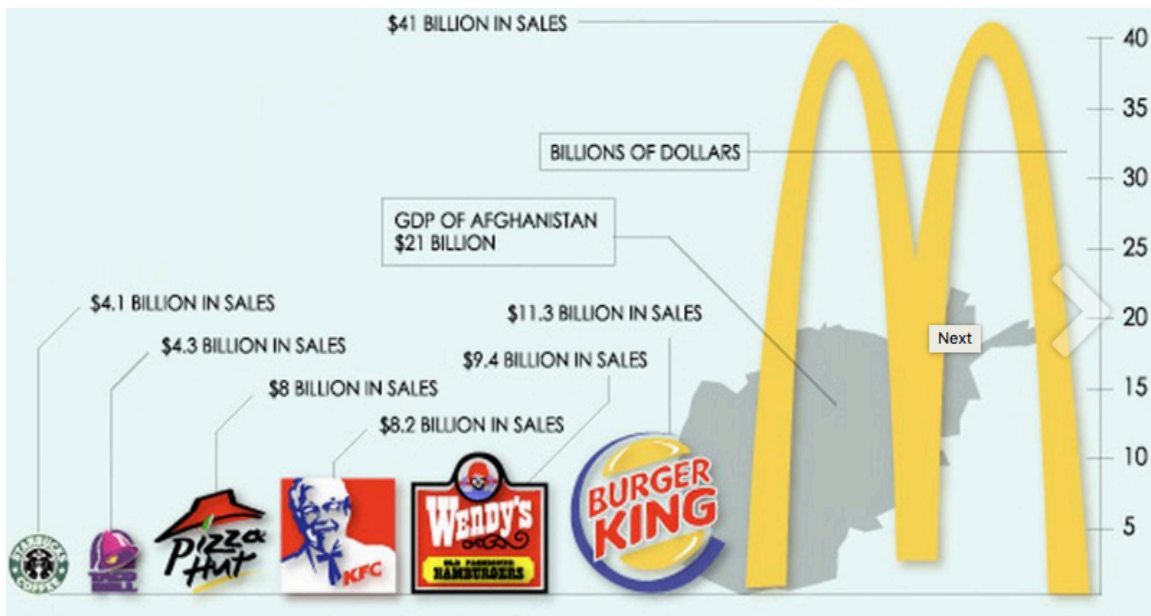
- The data is shown in percentage. There are no real values known.
- How to interpret 9% when the total number of people is not mentioned
- A bar graph could have been better.
- Y-axis data points redundantly mentioned on the line.

Graph-3



- The above graph says that there are more people living on welfare, than with jobs.
- The actual data included people with a family member receiving welfare money.
- The graph is simple , but with incorrect data.

Graph 4



- The sales of the food- chains are mentioned above. The increase in height shows the higher market-share.
- The sales do not match with the y-axis, and there is nothing mentioned on the x-axis.
- Probably this is not the best way to showcase the sales.
- They could have used a pie-chart here.

References:

1. <http://www.statisticshowto.com/misleading-graphs/>
2. <http://www.businessinsider.com/the-27-worst-charts-of-all-time-2013-6#burger-king-has-3-times-as-much-in-sales-than-starbucks-it-makes-sense-that-its-three-times-taller-but-the-fact-that-its-area-is-nine-times-that-of-starbucks-shows-why-this-chart-exemplifies-everything-that-is-wrong-with-charts-that-try-to-incorporate-cutesy-graphics-2>

