Assignment 9
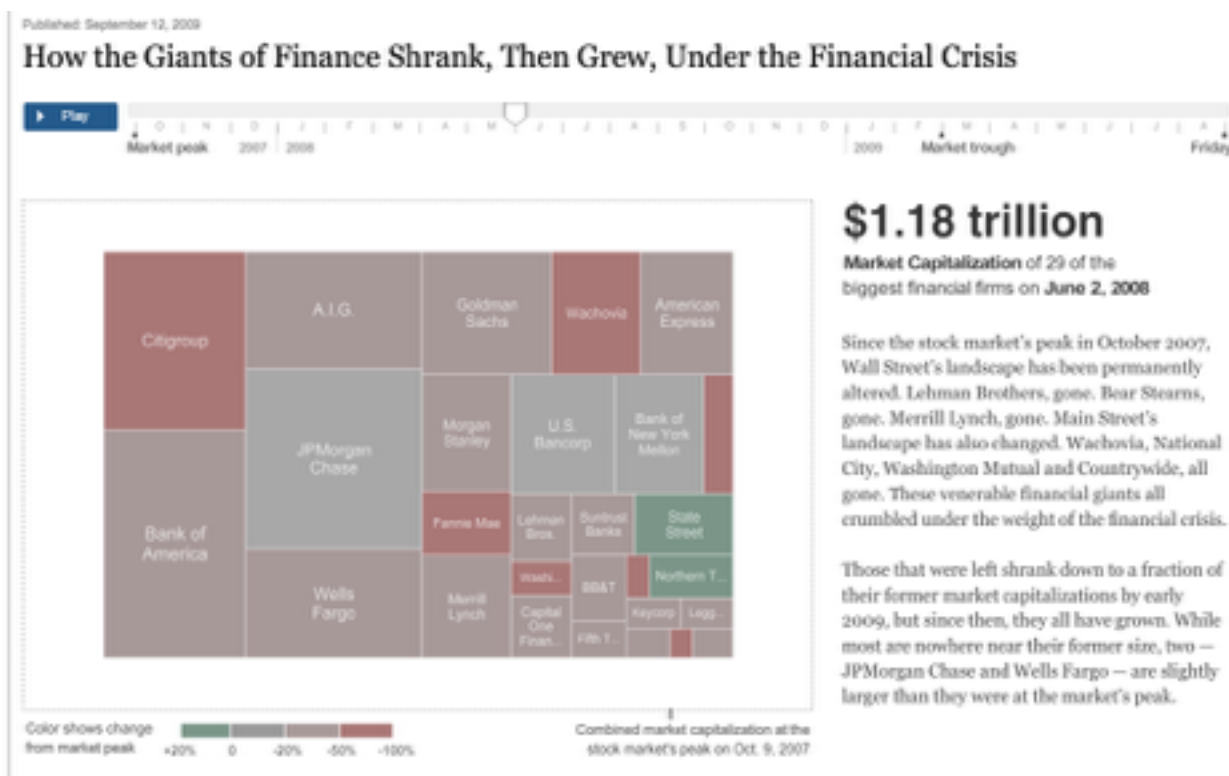## Dan Sun(das225) Yue Su(yus55)

1.How the Giants of Finance Shrank, Then Grew, Under the Financial Crisis

Attribution:

http://www.nytimes.com/interactive/2009/09/12/business/financial-markets-graphic.html?_r=0
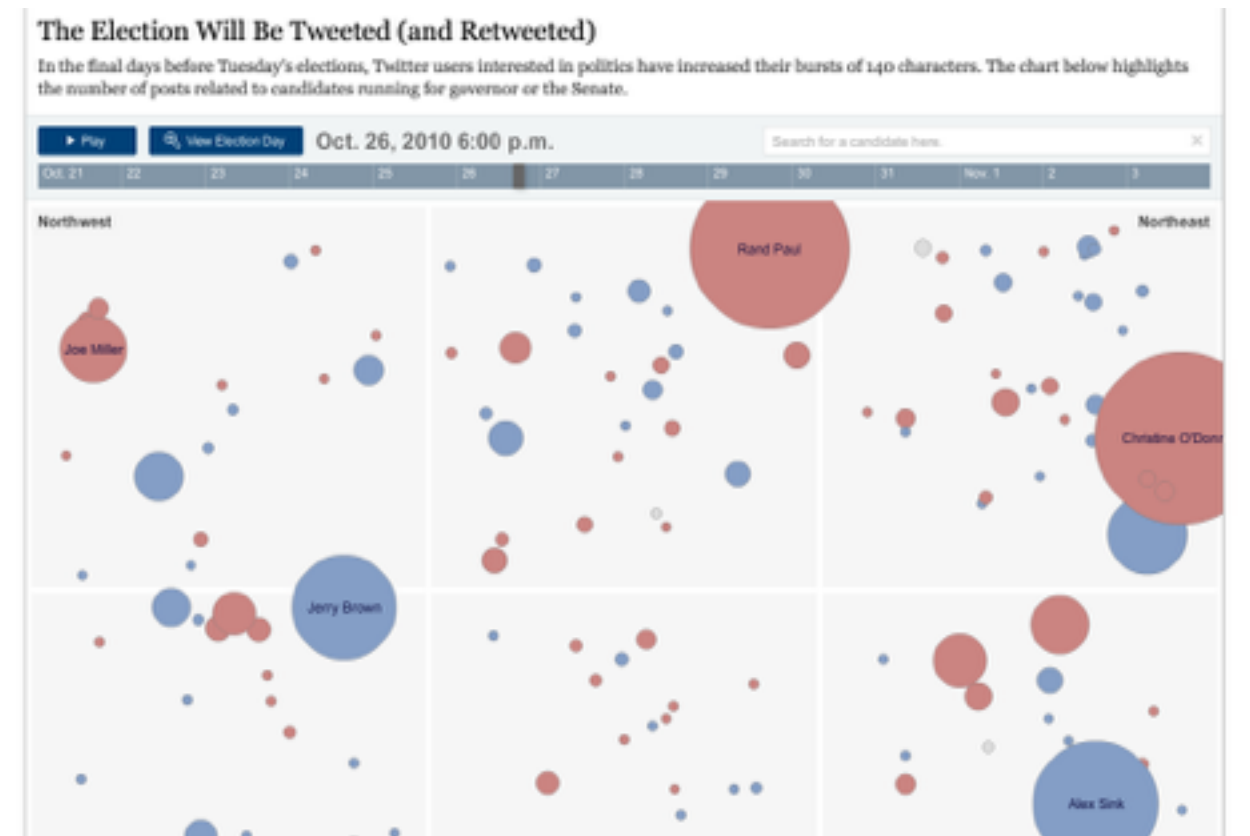
Analysis:

This graph indicates the changes of the giants of finance.It is a time - series presentation which means you can see the changes dynamically according to the time bar.In this graph, we are able to find out that these venerable financial giants all crumbled under the weight of the financial crisis.

Those that were left shrank down to a fraction of their former market capitalizations by early 2009, but since then, they all have grown. While most are nowhere near their former size, two — JPMorgan Chase and Wells Fargo — are slightly larger than they were at the market's peak.

Comments:

The different color and size of each rectangle make the graph considerable comparative. In my view, it can add some data like some numbers or rates to indicates the changes according to the time.In this way , we can improve the data-inl ratio as well as the narrative quality. Also, it can display some other factors in the same graph to make the whole graph more multivariate instead of single factor.

2.The Election Will Be Tweeted (and Retweeted)

The Election Will Be Tweeted (and Retweeted)

In the final days before Tuesday's elections, Twitter users interested in politics have increased their bursts of 140 characters. The chart below highlights the number of posts related to candidates running for governor or the Senate.
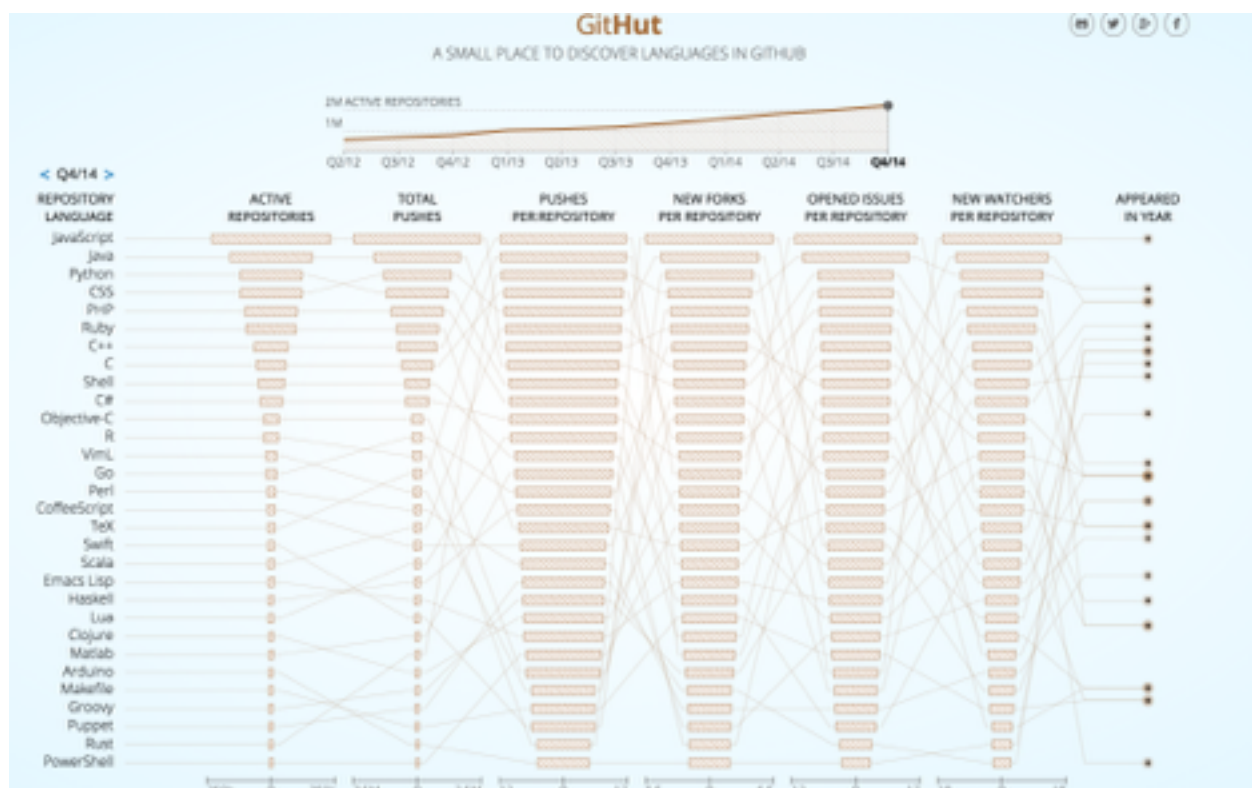
Analysis:

"In the final days before Tuesday's elections, Twitter users interested in politics have increased their bursts of 140 characters. The chart below highlights the number of posts related to candidates running for governor or the Senate."

The graph indicates the situation that the Twitter user's action before the final election in USA.Different circle indicates different candidates . In other side, we are able to find out clearly that the influence of different candidates that the candidates who owns bigger circle has more influence that others.

Comment:

It's not a deftly multivariate graph which means the only variable is number of posts.Also, it is a low density graph with a high probation of data-ink.In my views, it may add a tag to show how many number of posts. We need the precise number to make the graph owns more persuasion.

3.GITHUT

Attribution:

Analysis:

GitHut is an attempt to visualize and explore the complexity of the universe of programming languages used across the repositories hosted on GitHub. In this graph we are able to find out the rank list of all kinds of programing languages as well as how the rank changes.

Comments:

It is really a good data visualization method.It's narrative in contend and efficient in interpretation.It's very comparative and you can see the changes directly.It also own perfect data-ink ratio as well as the narrative quality .