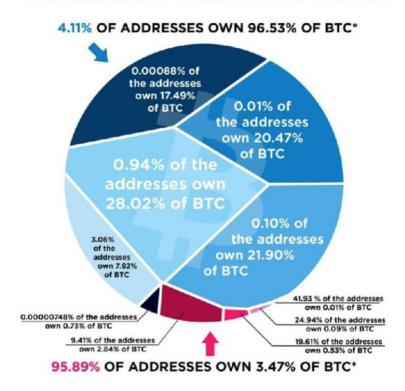Isabelle Xu
Information Visualization
1/20/19

Assignment 0: Visualization Critique

The Good: http://stars.chromeexperiments.com/

This visualization is good mainly because it manages to highlight the most important/largest stars while at the same time offering a good overview of other lesser stars. In addition, the colors are appropriate and properly labeled according to each star's temperature. Lastly, the overall structure is impressive and visually attractive, especially since it's interactive and scalable, with the user being able to control how close the camera is to our Solar System (which is set at the center). Overall, the data being represented is portrayed clearly and aesthetically pleasingly, and is an example of good visualization and design.

The Bad:

This visualization is bad because of how fragmented and difficult the pie chart is to interpret at first glance; more specifically, it is hard to tell what each piece is quantifying due to how each percentage comes with another different percentage (the size of each piece apparently matches with the percentage of BTC owned by corresponding addresses). Also, it is hard to compare the sizes of each piece to one another due to the unnatural angles and shapes. Furthermore, the arrow usage appears to be rather confusing as they seem to be pointing

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towards a single piece while in reality they correspond to all the blue or pink pieces together.

Improved Visualization (See attached files):

I changed the pie chart format to a bubble chart to better display the relationship between the addresses and amount of BTC owned while removing the strange shapes. For the same reason, I made the size of the bubbles dependent on both values in each pair (address percentage to BTC percentage). The size also affects whether the bubble is pink or blue, with blue being the smaller ratios and pink being the larger ones. In addition, with the help of plot.ly (JavaScript), the viewer now has various viewing tools to their disposal such as zoom or auto scale to make seeing smaller details of the chart easier. They can also hover over each bubble to see their exact axis values which are labeled.