Process Book

*Naruto Shippuden Anime Data Visualization*

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# *Overview and Motivation*

We wanted to create a visualization on something we all enjoyed, so we chose anime. Our visualization shows the number of filler-episodes in each arc of Naruto Shippuden. The motivation for this was that when researching visualization inspiration most sites only had raw data. When sites did have Visualizations, it was mostly comparing one anime to another or visualizations of different genres of tv shows. We saw no site that showed a visualization for the number of filler episodes in each arc of a show, so we created one.

# *Questions*

* The question we solved
  + How many filler episodes are in each arc of Naruto Shippuden?
* New questions that came along the way
  + How will the visualization look?
  + How do we create the dataset for the csv file?

*Data Source*

* Episodes of each arc
  + <https://www.cbr.com/every-naruto-story-arc-chronological-order/>
* Filler episodes
  + <https://fictionhorizon.com/naruto-naruto-shippuden-filler-list-the-complete-guide/#:~:text=Naruto%20and%20Naruto%3A%20Shippuden%20have%20a%20total%20of%20720%20episodes,the%20topic%20of%20this%20article>
  + <https://www.otaquest.com/naruto-story-arcs/>

*Design Evaluation*

We initially gain inspiration from a site that compared filler episodes of [Game of Thrones.](http://got-books-to-series.surge.sh/) The visualizations below are some initial visualization ideas. The first chart broke the show down by arc on the y- axis. X-axis was to display the number of episodes and the percentage at the beginning of the bar was for the percentage of episodes that were filler episodes. We realized this was overly complicated and decided a stacked bar chart would be best. After doing assignment 6 we thought it’d be best to go with that design for several reasons: One, the dataset was too large for one stacked bar chart, two, it would be a cleaner look and three, it would be easier to read.

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*Implementation and Evaluation*

We have two visuals; each broke the show down by each arc. The first visual is a stacked bar chart. Whenever you highlight the bar with the cursor the percentage of fillers episodes for that arc will appear. The next visual is another bar chart that compares the number of regular episodes next to filler episodes.