Project Proposal

Game of Thrones

* Basic Info
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  + Project Repo:
* Background and Motivation
  + We both have a love for the television show Game of Thrones. In preparation for the upcoming season we wanted to refresh our memories of the battles of Westeros. When we discovered this dataset, the opportunity to kill two birds with one stone presented itself. It was also a great chance to work with data that was neither specifically statistical in nature nor tedious.
  + Charlie is currently in a Game of Thrones class, and choosing this topic allows him to refresh his memory on the fantasy world of Westeros—just in time for finals!
  + This dataset is very rich and it provides us an opportunity to showcase everything we’ve learned this semester.
* Project Objectives
  + Who will sit on the throne at the end of the season.
  + We want to understand the sacrifices made by the families through this visualization.
  + The map allows us to see how widespread the war(s) were and how they progressed and affected each realm/family.
  + The Benefits include:
    - A summary of the main events that have occurred
    - A culmination of over seven years of television as well as 300 years of Westeros history.
    - Helps better inform people to make predictions about the upcoming season.
* Data
  + We are using a Game of Thrones dataset from Kaggle.
  + <https://www.kaggle.com/mylesoneill/game-of-thrones#battles.csv>
* Data Processing
  + The data is very organized, and the only preprocessing that we see in our future is dealing with filtering/sorting the different households.
  + Data to Derive
    - The overall battle sizes
    - Members of each family
  + When the site gets loaded up, all the processing will occur before anything loads on the screen
* Visualization Designs:
  + See Later Pages
* Must-Have Features
  + Map of Westeros with Battles Highlighted
  + Selection method for the individual houses
* Optional Features
  + Slide functionality of ‘House Menu’
* Project Schedule