

DS-GA 3001.015 DATA VISUALIZATION

Final Project

Team Members:

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Title: Woman Empowerment in Game of Thrones

Abstract:

We wanted to explore whether the scripts for the Game of Thrones season reflected the theme of female empowerment or not. By doing so, we will mainly be addressing the following points:

- How the dialogue percentage is shared by gender and by character.
- What are the most common words in each of the top female and male characters scripts.
- How the screen time is shared by gender and by characters.
- How has the character development taken place over the seasons based on sentiment analysis, i.e. change of sentiments based on the dialogues
- Does the killing of characters also addresses gender inequality or is it random.

We will be making use of ggplot2, text mining techniques and network analysis in our visualization project.

Data:

For our analysis we have collected the following kind of datasets.

- Scripts of each episodes from season 1-7
<https://genius.com/albums/Game-of-thrones/Season-4-scripts>
- Screen time of each character for the seasons 1-7
<https://data.world/aendrew/game-of-thrones-screen-times>
- Deaths of characters
<https://www.kaggle.com/mylesoneill/game-of-thrones/data>

Sample:

