Twitter Analysis

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This is a project of using shiny apps to demonstrate a twitter analysis.

In this readme file, I am going to walk you through what I did in the shiny app, but you could also feel free to explore it by yourself!

https://angelayuanyuan.shinyapps.io/shinyapp/

1. Intro

Our Topic: How do people on Twitter react to Kevin Spacey's sex assualting scandals?

If you are not familiar with the background story, here is a link to a brief news report.

http://www.cnn.com/2017/10/30/entertainment/kevin-spacey-allegations-anthony-rapp/index.html

2. Data Manipulation

Get Twitter Data

- *Key Word: @KevinSpacey*
- *English tweets only*

Text Cleaning

- *Remove symbols*
- *Remove punctuations*
- *Remove stopwords including our customized stopwords*

3. Text Analysis

On the shiny app, you could actually take a look at what people were tweeting about by yourself.

Here, we explore **what is the most used word in these tweets?**

Okay, I shall admit, **House of Cards** is a really popular show.

However, what's our president doing over here??

To find out, go ahead and search his name in the **Search** column in the shiny app!!

Figure 1: wordcloud

4. Sentiment Analysis

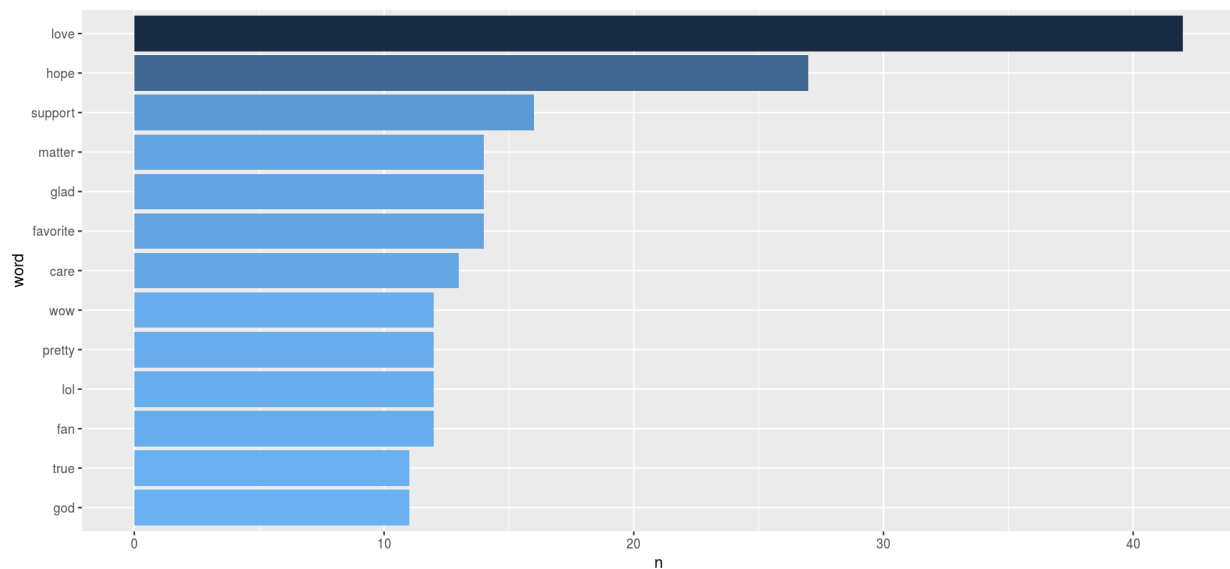*How do people feel when they discuss the news?*

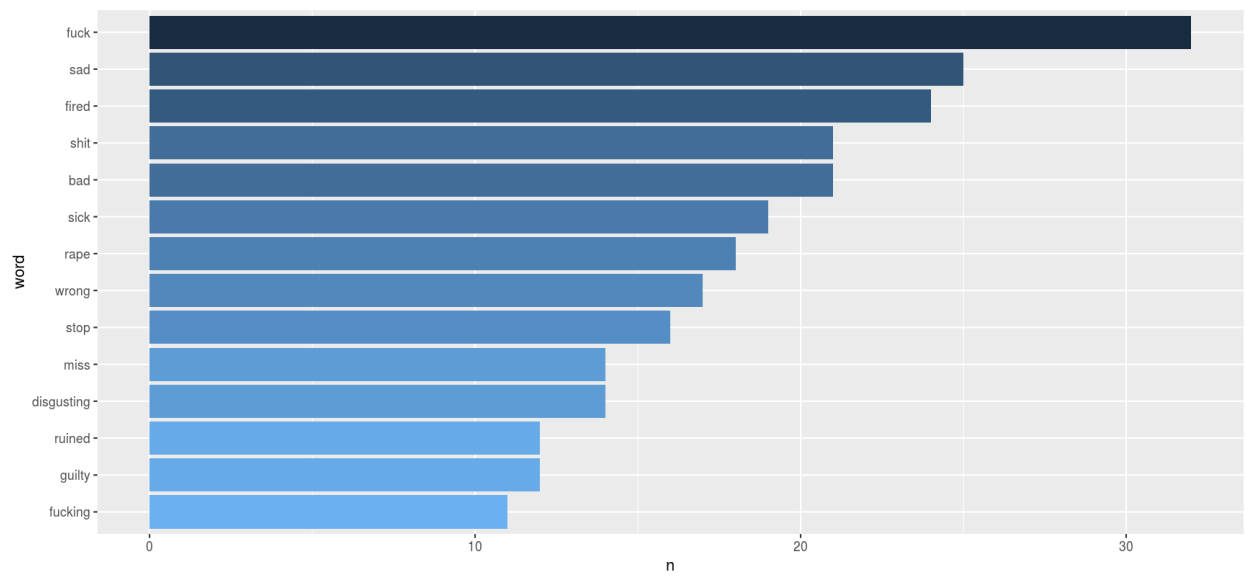*Any positive words?*

Figure 2: positive

Any negative words?

Figure 3: negative