# **Proposals**

# proposal 1

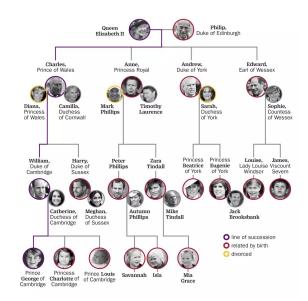
question/hook: what does the british royal family look like?

description: while a dramatized depiction, after watching the crown on netflix, i got interested in the sprawling nature of the british royal family and its intricate connections. i felt visualization was a promising way to reveal the complexities of the family's structure while making it a little more accessible.

data: wikipedia

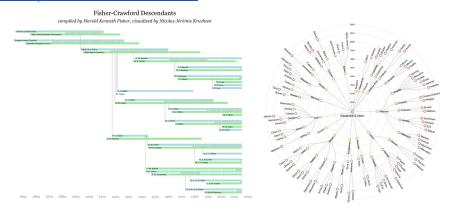
# inspiration/past work:

- Your Complete Guide to the British Royal Family Tree and Line of Succession TIME

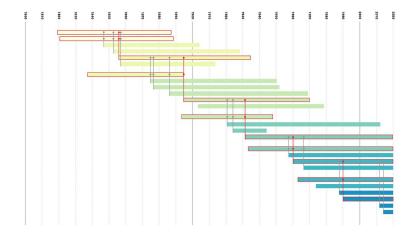


The Royal Family tree is undergoing some changes

#### - Visualizing Family Trees Nicolas Kruchten



- A new visualization for family trees Lisa Charlotte Rost

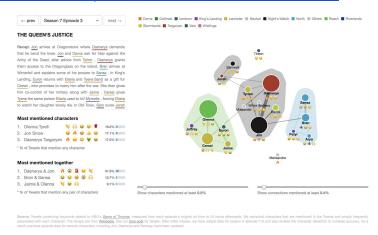


- Relationships between Philosophers, 600BC - 160BC Maximilian Noichl



Relationships between Philosophers, 600 B.C - 160 B.C.

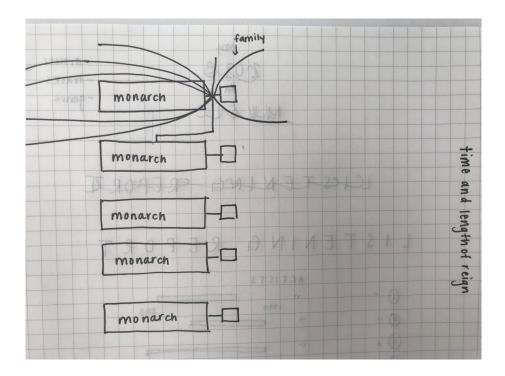
- How every #GameOfThrones episode has been discussed on Twitter



- https://flowingdata.com/category/visualization/network-visualization/

specs + sketch:

- print/static



#### review questions:

- what are some **observations** you find noteworthy?
  - the british royal family is a complex system.
- what **insights** could this offer?
  - this could offer insights into the interconnectedness and complexities of the british royal family.
- how is it related to visualization, what can visualization reveal here?
  - because its connections are so complex, visualization is a valuable route to understanding the network.
- what **new ideas** came out of the process of sketching and research?
  - i realized that i should limit my visualization to the house of windsor (the most recent in buckingham palace).
- what are the next steps?
  - the next steps are to compile the database from wikipedia, code the base visualization, and then transfer into an editor (illustrator, figma, etc).

# proposal 2

question/hook: what has my listening history looked like in 2018?

Spotify for Brands

description: for the past few years, spotify has released a year in music review for its users, bringing them through their listening habits over the past 12 months through a series of visuals. i want to re-design that review, focusing on what artists, albums, songs, and playlists i've listened to the most this year.

Spotify for Brands

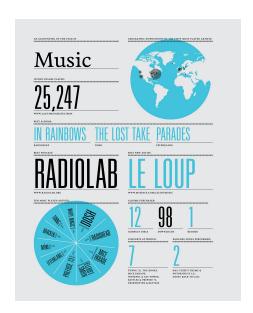
data: spotify api

# inspiration/past work:

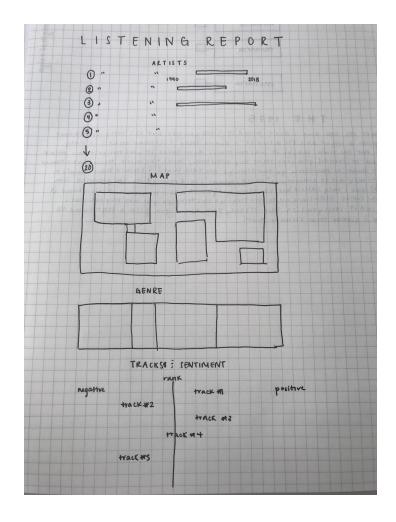
- spotify.me



- felton annual reports



specs + sketch:
- print/static



#### review questions:

- what are some **observations** you find noteworthy?
  - whether it be commuting or sifting through a large spreadsheet at work, music is an important part of my daily life.
- what **insights** could this offer?
  - this could offer insights into how either diverse or consistent my listening habits are throughout the year.
- how is it related to visualization, what can visualization reveal here?
  - there's merit in just saying what my most listened to song is this year, but the act
    of actually visualizing that listening history is taking its story to another level.
- what **new ideas** came out of the process of sketching and research?
  - i realized i had less information than expected from the spotify api about my account, which ended up helping me scope the project more and focus on only a few key aspects of my listening history.
- what are the **next steps**?
  - the next steps are to pull my spotify account data from the api, code the base visualization, and then transfer into an editor (illustrator, figma, etc).

# proposal 3

question/hook: what do the 1975's lyrics looks like?

description: i've done a lot of data visualization using the 1975 as my muse, but one thing i haven't looked into is their lyrics, which encompass a rich and interesting body of language. using some straightforward sentiment analysis and possibly bigram analysis, i want to visualize the core components of the lyrical portion of the 1975's music.

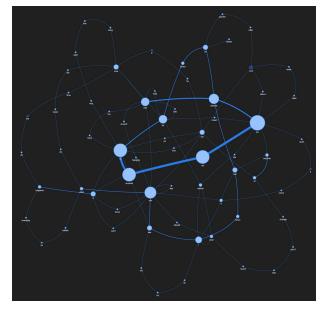
data: genius and lyricist

# inspiration/past work:

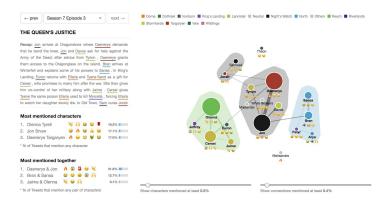
- The 1975 "Love It If We Made It" Official Lyrics & Meaning | Verified



- LyricGraph

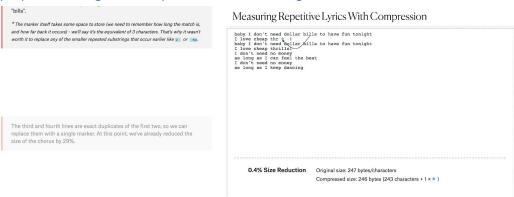


- How every #GameOfThrones episode has been discussed on Twitter



Source: Tweets containing keywords related to HBU's <u>Game of Thrones</u>, measured from each episode's original air time to 24 hours afterwards. We extracted characters that are mentioned in the Tweets and emojis frequently associated with each character. The recaps are from <u>Missogis</u>. See our <u>logo 2005</u> for details. After initial intesse, we have added data for season 6 opisode 7-9 and also revised the character detection to increase accuracy. As a require three/or an enriched faits for season for placed and the program of th

# - Are Pop Lyrics Getting More Repetitive? The Pudding



# - Trump's Lies

# ուուհշ բոշջ

By DAVID LEONHARDT and STUART A. THOMPSON UPDATED December 14, 2017

Many Americans have become accustomed to President Trump's lies. But as regular as they have become, the country should not allow itself to become numb to them. So we have catalogued nearly every outright lie he has told publicly since taking the oath of office.

Updated: The president is still lying, so we've added to this list, taking it through Nov. 11, and provided links to the facts in each case.

JAN. 21 "I wasn't a fan of Iraq. I didn't want to go into Iraq" (the was for an invasion before he was against it)

JAN. 21 "A reporter for Time magazine — and I have been on their cover IV or IS times. I think we have the all-time record in the history of Time magazine." (Trump was on the cover II times and Nixon appeared 55 times)

JAN. 23 "Between 3 million and 5 million illegal votes caused me to lose the popular vote." (There's no evidence of illegal exting.)

JAN. 25 "Now Domine Sood inauguration was much more heavily attended.)

JAN. 25 "Take a look at the Pew reports (which show voter fraud.)" (The renort never mentioned voter fraud.)

JAN. 25 "So, look, when President Obama was there two weeks ago making a speech, very nice speech. Two people were shot and killed during his speech. You can't have that." (There were no gain homicide victims in Chicago that day.)

JAN. 26 "I we've taken in tens of thousands of people. We know nothing about them. They can say they vet them. They didn't vet them. They have no papers. How can you vet somebody when you don't know anything about them and you have no papers! How do you vet them? You can't."

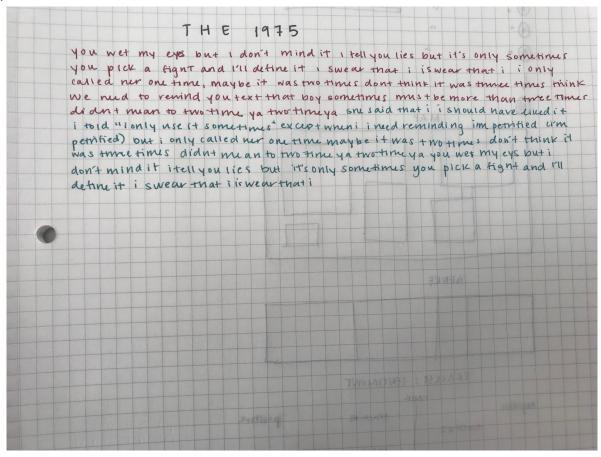
(Vetting lasts up to two years.)

JAN. 26 "I cut off hundreds of millions of dollars off one particular plane, hundreds of millions of dollars in a short period of time. It wasn't like I spent, like, weeks, hours, less than hours, and many, many hundreds of millions of dollars. And the plane's going to be better." (Most of the cuts were already planned.)

JAN. 28 "he coverage about me in the @nytimes and the washingtonpost has been so false and angry that the Times actually apologized to its windling subscribers and readers." (It never apologized.)

JAN. 28 "The Coverage about me in the @nytimes and the @n

#### - print/static



#### review questions:

- what are some **observations** you find noteworthy?
  - the 1975 have a massive and complex body of lyrics in their discography.
- what insights could this offer?
  - this could offer insights into what makes up the average lyric in a song by the
     1975
- how is it related to visualization, what can visualization reveal here?
  - i really like text-based visualizations because it provides an alternate, visual, and tangible way to understand language.
- what **new ideas** came out of the process of sketching and research?
  - i originally was only going to work with bigrams, but i changed my mind and decided to incorporate sentiment.
- what are the next steps?
  - pull the 1975's lyrics from genius/lyricist, run bigram frequency analysis on the text corpus of lyrics, code the base visualization, and then transfer into an editor (illustrator, figma, etc).