Ideas for types of plots / ways to visualize data:

* Word Cloud -> genres and artists
* Joyplot (explained in https://www.rpubs.com/womeimingzi11/how\_my\_spotify\_looks\_like)
* Top artists by frequency barplot (top 20) etc
* Song length
* Followers and popularity for artist
* Maybe a regression to predict the artist popularity value using followers and …
  + # of songs in user’s liked songs is a bit silly
  + Genre? How to deal with songs with multiple genres
    - Just use a binary
    - could be a logistics regression since popularity is a value between 0 and 100, I believe -> MAKE DICTIONARY
  + Maybe number of albums released
  + Look at data when scrape artist specific data
    - Make a model using only the artists in your liked songs to predict an artist who is not in it???
* Tempo is this like bpm (data dictionary) could be interesting
* Time Signature?
* Liveness? Doesn’t seem very interesting

Ideas to get more complete data or get more variables or characteristics:

* Get data from another source to merge with
  + discogs.com, or another music website
  + An already made dataset? Kaggle?
    - Might not have all my artists / global or not well known artists
* Scrape more from spotify
  + They only thing left is specific artist data
    - Information about all their uploaded songs/ albums
      * Maybe use it on user’s top 10 artists or something
    - Include tracks outside of user’s liked songs?
      * Maybe ask for the name of a playlist they have??
* Maybe a website that rates albums?

Other things that need to be added or decided about the project / worked on:

* Data dictionary
* Decide to use Rshiny or another application if I make a dashboard
  + Could try learning tableau with this project
* Or just make a poster using my data?

Etc ideas:

* Music suggestions?
  + Kinda sounds like an entire different projec