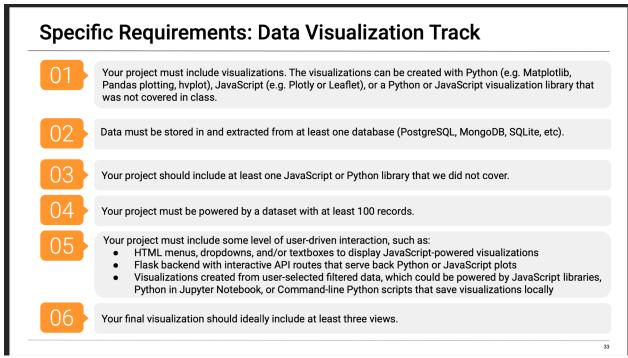
Top Spotify Songs

Requirements - Data Visualization Track



Goal

- Pull Billboard Hot 100 lists (2006 - 2024) & find yearly info on songs w/ Spotify API

Data Cleaning Method

- Pull list of tracks top-100 tracks for each year using billboard.py python module
- Pull info about each tracks using Spotify API
- Export as SQLite
- Use SQLite file for data when creating app is

Resources

- Spotify API Documentation
- github.com/mhollingshead/billboard-hot-100
- github.com/guoguo12/billboard-charts

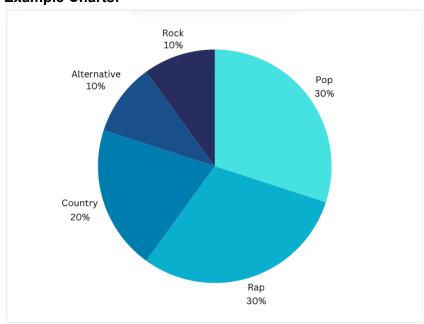
User Interaction

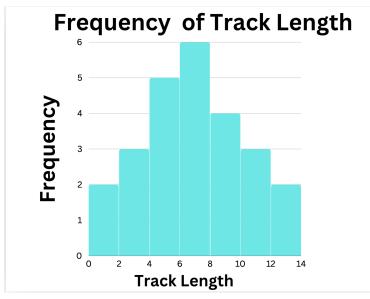
- Dropdown menu to select year
 - Updates charts and Visualizations

Visualizations (Different features for each)

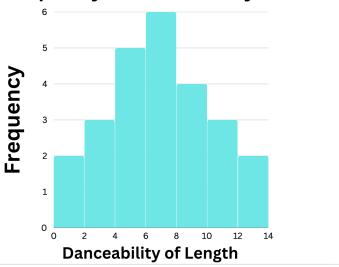
- Pie Graph / Genres
- Histogram / Track Length
- Histogram / Danceability or Energy

Example Charts:





Frequency of Danceability of Track



Roles

- Date Cleaning (billboard.py, spotify API, Export as SQLite) **DuVoe**
- Pie Graph / Genres **Zach**
- Histogram / Length Ethan
- Histogram / Danceability Energy Jon
- HTML / Page Formatting Makenna