Spotify's Top 200

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Problem to Solve

- Spotify produces a top 200 songs every two to three days for each country, and some countries will have a top 50 which is produced during the same time.

- The data that I found for the top 200 and 50 comes from Kaggle and can be downloaded as a csv file and this file goes back to January of 2017 and is currently consists of 3.5 Gigabytes of Data.

- Overall the Problem is that there is to much data and so many countries so the data will have to trimmed down.

The Solution

- To help cut down the data my plan is scale the data down to only the top 200 as well as limiting myself to between 10 and 15 countries, depending on time of the project, which will include but is not limited to the United States, Ukraine, and Australia

- The next step is to find the top 10 songs per month for each country as well as finding the top 10 songs per year for each country.

- To show that progress was made I will use a Data Visualization to display the top 10 songs for both year and month.

Solution Continued?

- I will attempt to also compare the top 10 for each of the selected country and see if there is any overlap between these countries.

- Finally if time allows it I will also attempt to find the most common artists have made it on to the top 200 for each country, and I will display these results as a data visualization so it is easier to interpret.

References

- The data comes from https://www.kaggle.com/dhruvildave/spotify-charts there are multiple people that add to the data will update prior to the final.