

Project Documentation

1 - Background

I've always been a fan of music. I like to pride myself with the fact that I listen to all different types of music, but I've always wondered what type of music truly controls the market today. To some, the answer might be obvious, but you'd truly be surprised. The idea for this project is to look into the top 100 songs of all time on spotify, and see what artists are listened to most on average

2 - Hypothesis

I believe that the most listened to genre would be pop and the most listened to artist would be Drake and that rap dominates the charts.

3 - Data

The data I used was a dataset from kaggle. It was the top 10000 streamed songs, but I decided to only use the top 100 for the truly most listened to songs on the platform. The data was curated from spotify's stream data. There are no biases to this data as it is simply from all spotify users and how many streams the songs have. Some issues from this data is that it looks like it hasn't been updated since 2021 and this won't be accurate for today's numbers.

4 - Analysis/Methodology

For this code, I am going to import the data from the csv file. Then I am going to look into what artists appear the most by using `.value_counts()`. This will give an idea of who is listened to the most, but not necessarily what songs lead the charts. Then I will create an average stream per day by taking the total streams and dividing it by the number of days since it's been released, which are both provided in the data set. Then I will create a bar graph that shows the top artists that are streamed and their average streams per day. This will truly show who controls the charts of spotify.

5 - Conclusion

My results showed that my hypothesis was wrong. Post Malone is the most listened to artist song wise with 10 songs in the top 100 of all time. I was not too far off as Drake was the 2nd most frequent artist to have the most songs in the top 100 with 8. Post Malone is shown at the top with the most streams per day. This showed that my claim

was false, but also that I was true in the fact that rap does rule the charts with rappers being the top 7 most average streamed in the top 100 with many other rappers in the list.