Spotify Wrapped: Data Science!
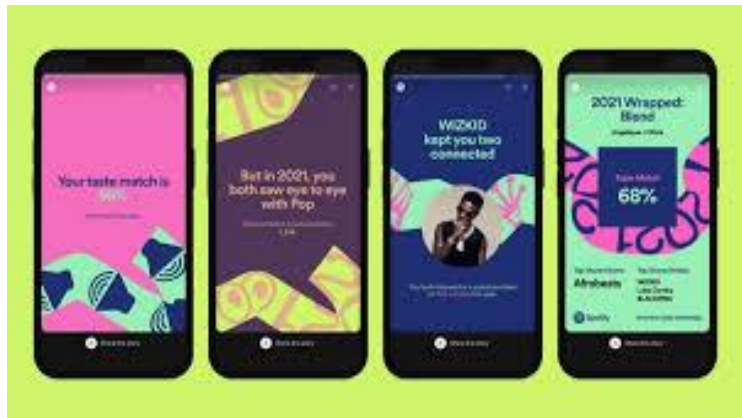
A UVA Data Science Case Study by Samarth Saxena, 2022

Prompt: If you haven't heard of Spotify Wrapped, it's a yearly summary of every user's listening habits that Spotify creates. It synthesizes all the music that a user listens to into a visually appealing "Instagram story"; this is one of Spotify's most popular features.

Using the power of Spotify's API and RStudio, we can make our own Spotify Wrapped! We can find trends in our favorite playlists, such as similar energies or valences (special Spotify-generated variables).

Deliverable: Produce an RMarkdown file that represents your version of a Spotify Wrapped! You will have free reign over what playlist you want to create a Spotify Wrapped for, but you should include certain features, such as a top artist or top album in the playlist, average danceability or valence or energy, etc. There should be usage of Spotify-generated statistics, and there

should be some element of a top or number one element of the playlist. See the rubric for more information.

Helpful Websites:

These websites will be helpful for getting started and learning how to use the Spotify API in R.

https://www.androidauthority.com/how-to-see-spotify-wrapped-3069969/

https://developer.spotify.com/

https://www.rcharlie.com/spotifyr/