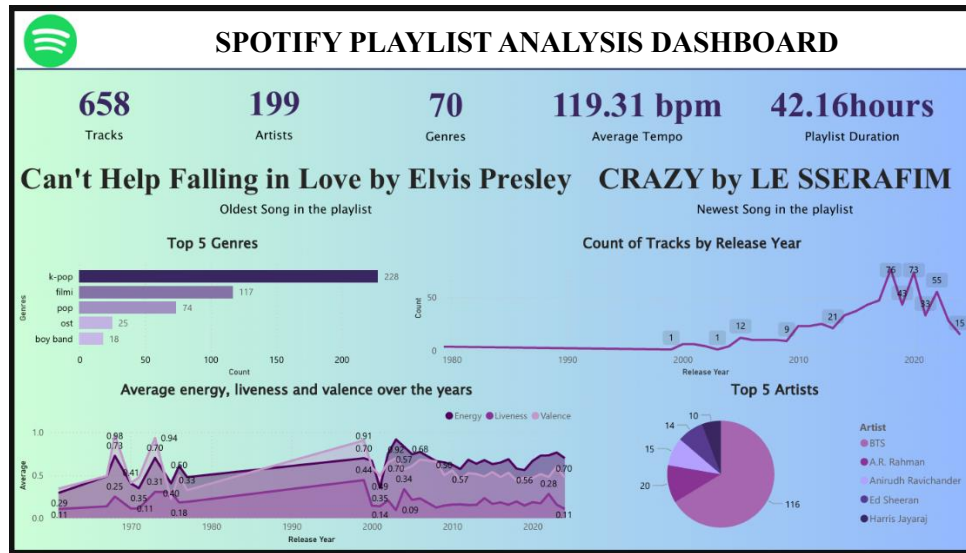


🎵 SPOTIFY PLAYLIST ANALYSIS DASHBOARD 🎵

The **Spotify Playlist Analysis Dashboard** provides a comprehensive overview of my personal Spotify music playlist, offering insights into various metrics and visualizations.



📁 Data:

I used **Python** along with the **Spotify API(Spotipy)** to gather data from my personal Spotify playlists. The API helped in getting detailed information such as track names, artists, genres, audio features (like tempo, energy, and valence), and release dates, which I processed and analyzed for this dashboard.

📊 General Statistics

- **Tracks:** There are 658 tracks in the playlist.
- **Artists:** The playlist features 199 different artists.
- **Genres:** There are 70 different genres represented.
- **Average Tempo:** The average tempo of the tracks is 119.31 beats per minute (bpm).
- **Playlist Duration:** The total duration of the playlist is 42.16 hours.

🕒 Oldest and Newest Songs:

- **Oldest Song:** "Can't Help Falling in Love" by **Elvis Presley**.
- **Newest Song:** "CRAZY" by **LE SSERAFIM**.

🎵 Top 5 Genres

The top 5 genres in the playlist are,

- **K-pop:** 228 tracks
- **Filmi:** 117 tracks
- **Pop:** 74 tracks
- **OST:** 25 tracks
- **Boy Band:** 18 tracks

Count of Tracks by Release Year:

- The line chart shows a significant increase in the number of tracks added to the playlist from **1980 to 2020**, with notable peaks in **2010** and **2020**.
- The highest count was in **2020**, with **55 tracks**.

Average Energy, Liveness, and Valence Over the Years:

- **Energy:** Generally increasing over the years, peaking around 2010.
- **Liveness:** Remains relatively stable with minor fluctuations.
- **Valence:** Shows an increasing trend, indicating a shift towards more positive or happy-sounding tracks.

Top 5 Artists:

The top 5 artists in the playlist are,

- **BTS:** 116 tracks
- **A.R. Rahman:** 20 tracks
- **Anirudh Ravichander:** 15 tracks
- **Ed Sheeran:** 14 tracks
- **Harris Jayaraj:** 10 tracks