# Case study qns

**Q1. Give me your Top 10 Favorite Songs by Daily Ranking Q2. Give me Top 10 Favorite Artist Name by Daily Ranking**

**Q3. Return Top 10 Song which I can recommend as Fitness Freak Q4. Return Top 5 Emerging artist of 2022 to current date**

**Q5. Recommend Top 10 Song for the Weekend**

**Q6. Return every week & respective trending song for that week**

**Q7. Return the Artist Name and 'Count of days' when they have two or more two songs in the top 200 song list.**

**Q8. Check if there is any association between No. of artist per song and Popularity of songs**

**Q9. Provide No. of artists in each continent and respective country**

**Q.10. Provide no. of songs belonging to each continent and country produced by individual singers**

**Data Dictionary**

The dataset encapsulates 21 information-rich columns, meticulously cleaned and primed for analysis. The possibilities for insightful analysis utilizing this dataset are extensive.

This data set consists of about 181K records.

* **Song Rank:** Rank of that song out of 200 that day
* **Title of the Song:** Song name
* **Artist Name:** Singer of that song
* **Date:** Date consist of 1st Jan 2022 to 31st May 2023
* **Nationality of each artist:** From which Nation that Artist belongs
* **Artist's Continent:** From which Continent that Artist belongs
* **Unique Song ID:** Every song has a unique Song ID
* **URL Link to the Song:** Direct link of that song from Spotify
* **Danceability:** Describes how suitable a track is for dancing
* **Energy:** Represents a perceptual measure of intensity and activity. Energetic tracks feel fast, loud, and noisy.
* **Loudness:** The overall loudness of a track in decibels (dB)
* **Speechiness:** Detects the presence of spoken words in a track.
* **Acousticness:** Describes whether a track uses only or primarily instruments that produce sound through acoustic means.
* **Instrumentalness:** Predicts whether a track contains no vocals.
* **Valence:** Describes the musical positiveness of a track