SPOTIFY DATA ANALYSIS PROJECT

Easy Level Questions

1. Retrieve the names of all tracks that have more than 1 billion streams.
2. List all albums along with their respective artists.
3. Get the total number of comments for tracks where licensed = TRUE.
4. Find all tracks that belong to the album type single.
5. Count the total number of tracks by each artist.

Moderate Level Questions

1. Calculate the average danceability of tracks in each album.
2. Find the top 5 tracks with the highest energy values.
3. List all tracks along with their views and likes where official_video = TRUE.
4. For each album, calculate the total views of all associated tracks.

Advanced Level Questions

1. Find the top 3 most-viewed tracks for each artist using window functions.
2. Write a query to find tracks where the liveness score is above the average.
3. Use a WITH clause to calculate the difference between the highest and lowest energy values for tracks in each album.
4. Find tracks where the energy-to-liveness ratio is greater than 1.2.
5. Calculate the cumulative sum of likes for tracks ordered by the number of views, using window functions.