SQL PROJECT

SPOTIFY DATA ANALYSIS

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- Retrieve the names of all tracks that have more than 1 billion streams.
- List all albums along with their respective artists.
- Get the total number of comments for tracks where licensed = TRUE.
- Find all tracks that belong to the album type single.
- Count the total number of tracks by each artist.
- Calculate the average danceability of tracks in each album.
- Find the top 5 tracks with the highest energy values.
- List all tracks along with their views and likes where official_video = TRUE.
- For each album, calculate the total views of all associated tracks.
- Retrieve the track names that have been streamed on Spotify more than YouTube.

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➢ Find the top 3 most-viewed tracks for each artist using window functions.

➢ Write a query to find tracks where the liveness score is above the average.

➢ Use a WITH clause to calculate the difference between the highest and lowest energy values for tracks in each album.

➢ Find the top 10 tracks where the energy-to-liveness ratio is greater than 1.2.

➢ Calculate the cumulative sum of likes for tracks ordered by the number of views, using window functions.

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INDIA GENERAL ELECTION RESULT ANALYSIS 2024

FUNCTIONALITIES YOU WILL LEARN

✓ DISTINCT	✓ PARTITION BY	✓ WINDOW()
✓ COUNT()	✓ OVER()	✓ CTE
✓ SUM()	✓ WITH	✓ AVG()
✓ CASE	✓ UPDATE	✓ RANK
✓ JOIN	✓ ALTER TABLE	✓ DATE FUNCTIONS
✓ ON	✓ ADD	✓ INNER JOIN
✓ ORDER BY	✓ SET	✓ LEFT JOIN
✓ GROUP BY	✓ WHERE	✓ MULTI TABLE JOINS
✓ MAX()	✓ THEN	✓ SCHEMAS
✓ ROW_NUMBER	✓ ELSE	✓ IIF()
✓ SELECT	✓ HAVING	✓ CAST()