SQL PROJECT

SPOTIFY TRACKS DATASET ANALYSIS

NAME: ANJALI VISHWAKARMA

COURSE:MASTER IN DATA SCIENCE AND ANALYTICS WITH AI

ABOUT DATASET:

This is a dataset of Spotify tracks over a range of 125 different genres. Each track has some audio features associated with it.

Usage

The dataset can be used for:

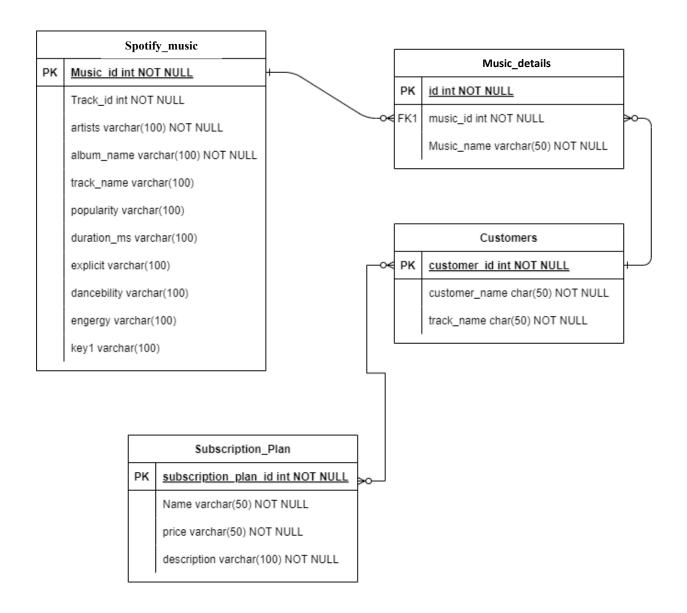
- Building a **Recommendation System** based on some user input or preference.
- Classification purposes based on audio features and available genres.

Available Tables:

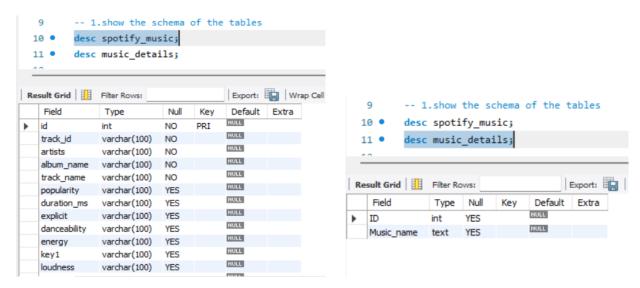
- Music
- Music details
- Customer
- Subscription plan

DATASET FROM:KAGGLE

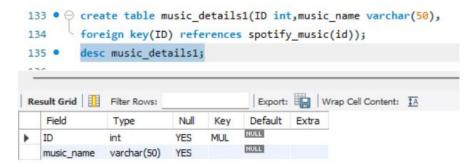
Entity Relationship Diagram



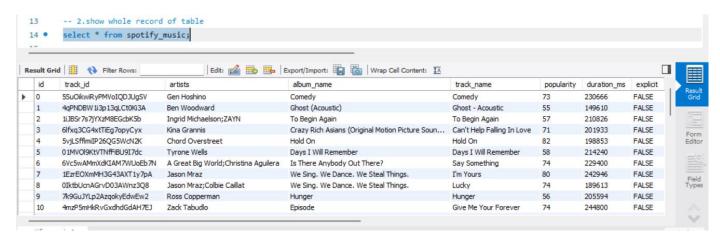
1. Show the schema of the table.



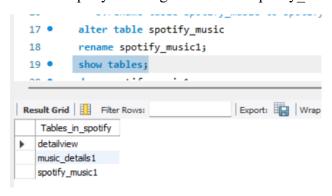
2.Create second table named as Music details with foreign key in table.



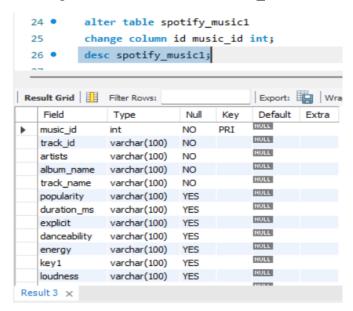
3. Show whole record of table.



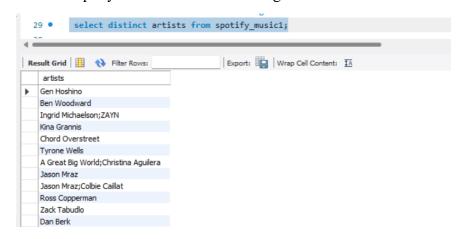
4. Write a query to change table name spotify_music to spotify_music1.



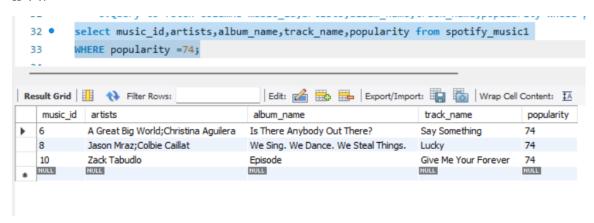
5. Change column name of id to music_id.



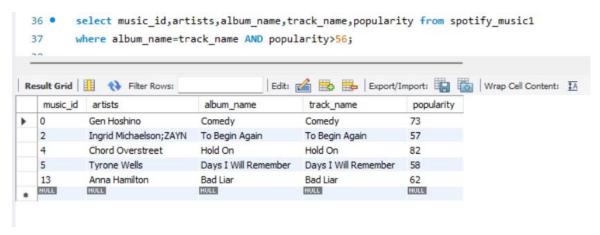
6. Write a query to fetch artist name using distinct.



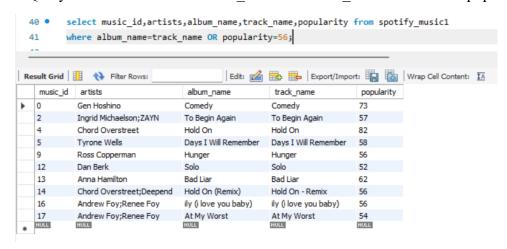
7. Query to fetch columns music_id,artists,album_name,track_name,popularity whose popularity is 74.



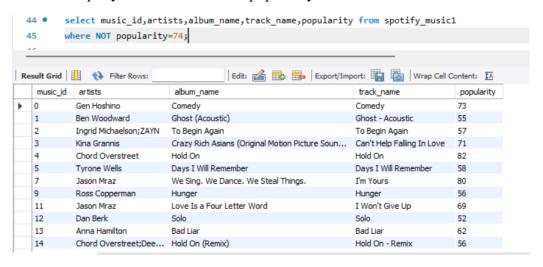
8.Query to fetch data where album_name and track_name are same and popularity should be greater than 56.



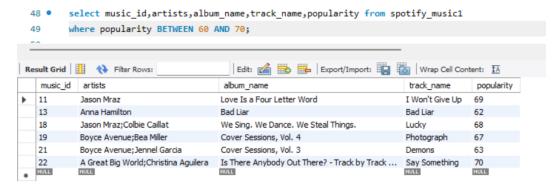
9. Query to fetch data where album name and track name are same or popularity is 56.



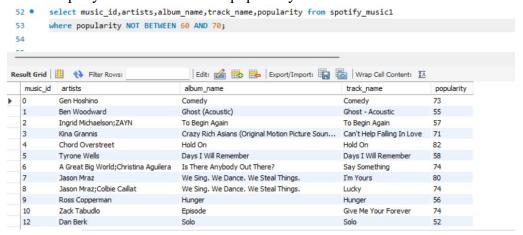
10. Write a query to fetch data where popularity should not be 74.



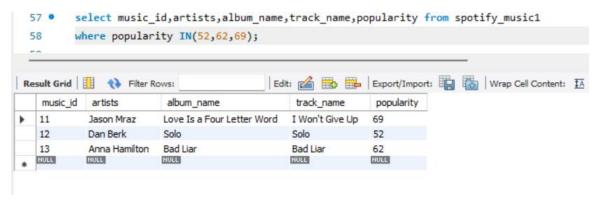
11. Write query to fetch data where popularity is between 60 to 70.



12.write query to fetch data where popularity is not between 60 to 70.



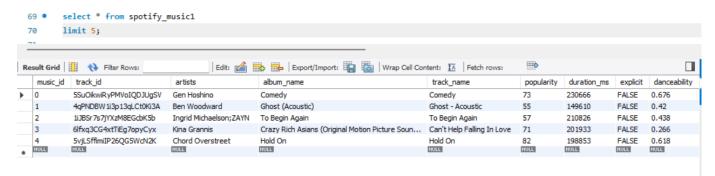
13. Write a query to fetch data where popularity is 52 or 62 or 69.



14. Write a query to fetch data where artists starts from z.



15.write a query to fetch top 5 record from table.



16. Write a query to show top 5 highest popularity of music.



17. Write a query concat two columns artists and album_name.

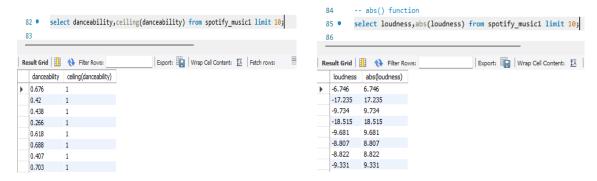


18. Write a query to gives artists name in uppar case.



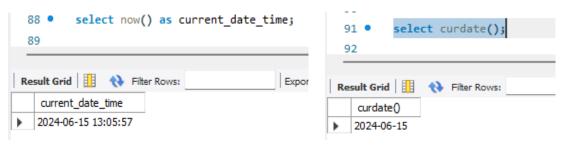
19. Use of maths functions.

1)Ceil() and Abs().



20.Date Functions.

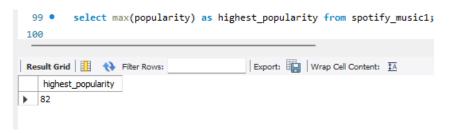
1)now() and curdate()



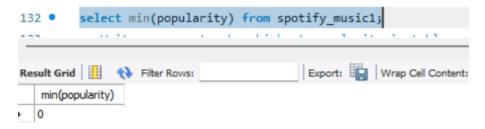
21. Write a query to fetch number of artists in table.



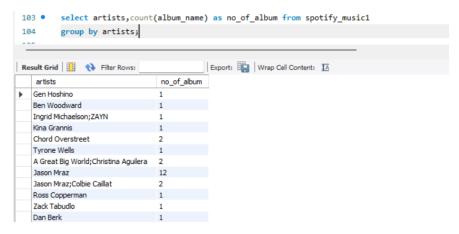
22. Write a query to show highest popularity in table.



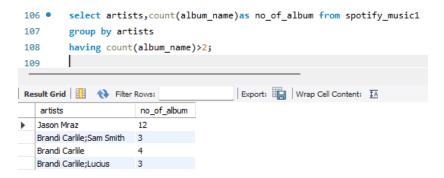
23. Write a query to show lowest popularity in table.



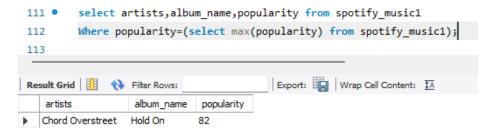
24.write a query to fetch number of album_name done by artists.



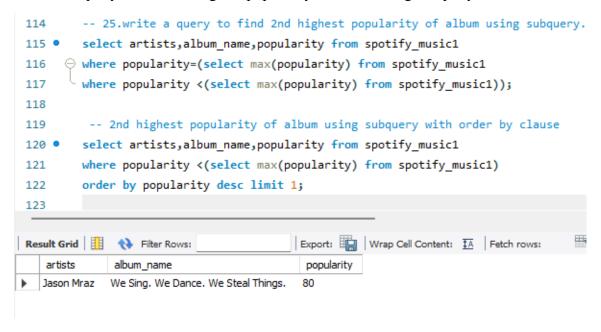
25. Write a query to fetch artists name whose number of albums are more than 2.



26.write a query to find highest popularity of album using subquery.



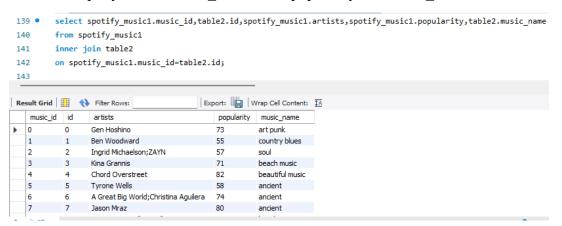
27.write a query to find 2nd highest popularity of album using subquery.



28.write a query to find the artists whose album name and track name should match with music id 10 and 44 using subquery.



29. Write a query to find music id,id,artists,popularity and music name.



30.Create view.

