**MUSIC\_STORE\_PROJECT\_ANALYSIS**

First of all, I would like to highlight on the topic I choose for the project analysis. Because I am very keen to music and dance, so why not to choose and make an overwhelming project.

**SQL**

This analysis focuses on the music database, which contains data related to a music store's operations, including albums, artists, customers, employee, playlist,track,genre,invoice,invoice line,music\_store data,genre,playist\_track.

In sql,after importing the data with their appropriate datatypes and setting the primary key, I have started with the analysis through solving questions. Moreover, I started with finding the most senior employee with the job title following with the top 3 values of total invoice. Then, in ahead questions, I did analysis on the basis to throw a promotional Music Festival in the city we made the most money. In that context ,I take sum of totals of invoice group by city and took their outcome. Then, get all the track names that have a song length longer than the average song length,took the average and give the comparison.

Therefore, went to next table and find the top 10 rock bands and their artist names, then calculated which artist has written the more musics, then calculated each customer spent the money on artists, then got the most music genre popular in which country. This is how my analysis done with this project.



**POWER-BI**

So, one more powerful tool I have to showcase my analysis. Here, I have made dashboard to depict each query into visualisations.



**CONCLUSION**

In this comprehensive analysis of the music database, we have unveiled valuable insights into the store's sales performance, customer behavior, and product offerings. Through a series of SQL queries and data explorations, we have uncovered patterns, trends, and opportunities that can inform strategic decisions and drive business growth. One of the key findings from our analysis was the identification of the top-selling albums and artists, which highlights the genres and artists that make happy most with customers. This insight can guide the store's future inventory and marketing strategies, ensuring that popular products are well-stocked and effectively promoted.