Title

"Music Analysis System: Insights into Artists, Albums, and Listener Interactions"
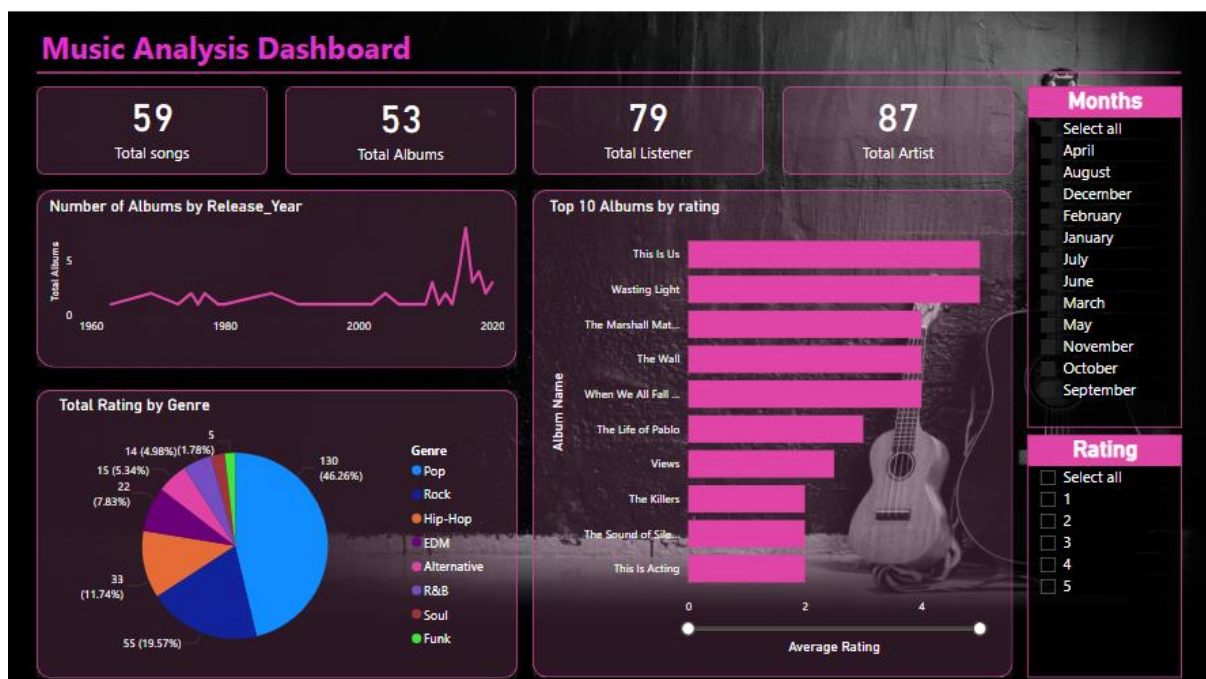
Objective

The objective of this project is to create a Power BI dashboard to find the answers to following question:

- Find the total number of albums released by years.
- Find the total Rating by song Genre.
- Find the Top 10 Albums by rating.

Steps:

1. Created tables in SQL databases using SQL queries to do analysis based on the data created.
2. Imported the SQL data into PowerBI.
3. Edited the data into power query editor as per our requirements.
4. Created data model using star and snowflake schema of 7 tables.
5. Created measures using DAX to use into our Dashboard.
6. Finally created the Dashboard using visualization tools like charts, cards and slicers.

DashBoard:

Conclusion:

1. Most Albums are released in year 2016.
2. Most rated Song genre is Pop.
3. Top 10 Albums by rating are:
   - This is us
   - Wasting Light
   - The Marshall Mather LP
   - The wall
   - When we all Fall Asleep, where do we go?
   - The life of Pablo
   - Views
   - The Killers
   - The Sound of Silence
   - This is Acting