



Select Platform

Android

Cast to Device

ios

Mac

Web Player

Windows

Is Shuffled?

All



All

ALBUMS

7383 Albums played over time



Latest Year LY
vs Previous Year PY

1802

vs PY: 2,258 (-20.19%)

2024

Albums Played

Weekday Weekend

38.26%



61.74%

Top 5 Albums

By Total Albums Count

The Beatles

1987

Past Masters

1627

Abbey Road

1360

The Wall

1139

Revolver

982

ARTISTS

3835 Artists played over time



Latest Year LY
vs Previous Year PY

1058

vs PY: 1,400 (-24.43%)

2024

Artists Played

Weekday Weekend

38.12%



61.88%

Top 5 Albums

By Total Albums Count

The Beatles

12897

The Killers

6072

John Mayer

4344

Bob Dylan

3548

Paul McCartney

2593

ALBUMS

12724 Tracks played over time



Latest Year LY
vs Previous Year PY

3508

vs PY: 3,916 (-10.42%)

2024

Tracks Played

Weekday Weekend

37.15%



62.85%

Top 5 Tracks

By Total Tracks Count

Ode To The ...

12897

In the Blood

6072

Dying Breed

4344

19 Dias y 500...

144

Concerning H...

138

For What It's ...

138



Select Platform

android

cast to device

iOS

misc

web player

windows

Is Shuffled?

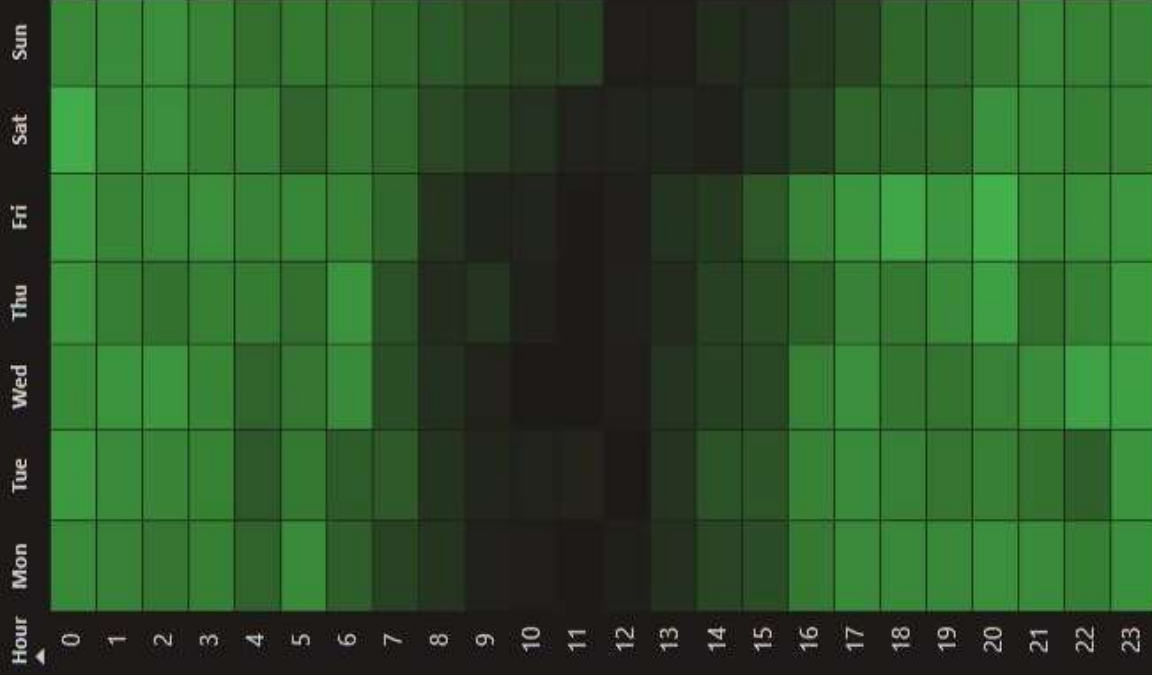
All

▼

Is Skipped?

All

Listening Hours



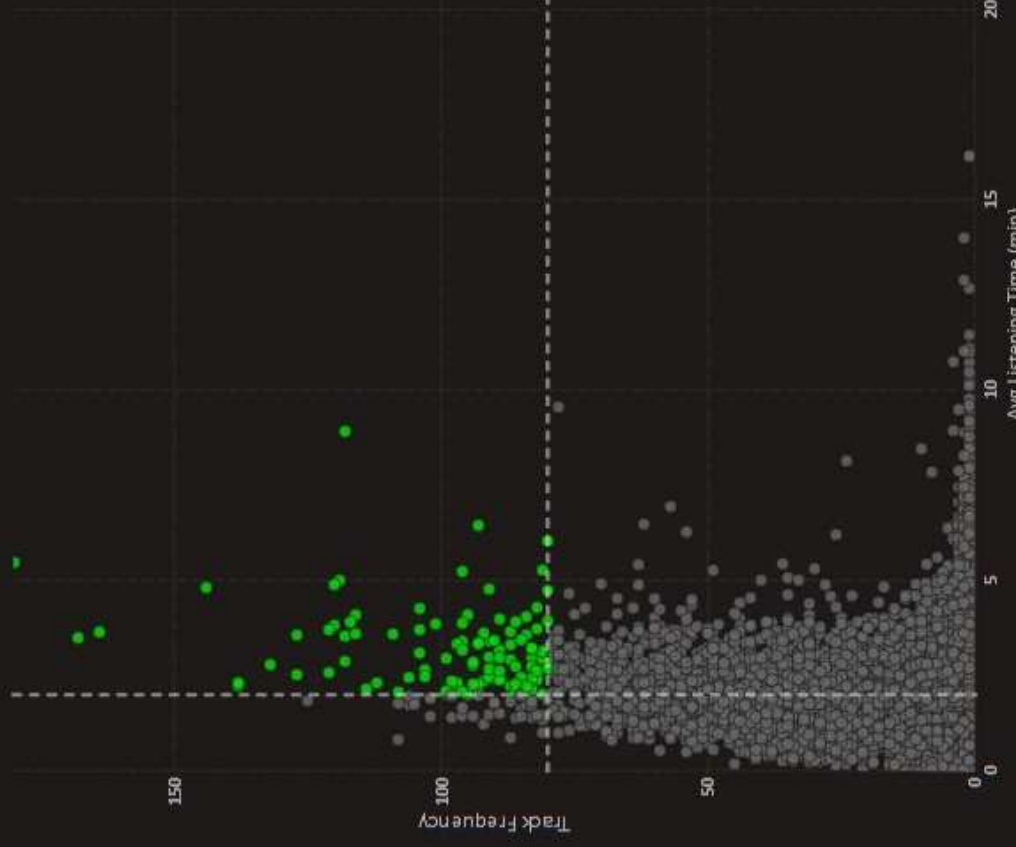
Average Listening Time (min) vs Track Frequency

Avg Listening Time

2

Track Frequency

80





STEPS IN PROJECT

- ✓ Requirement Gathering/ Business Requirements
- ✓ Data Walkthrough
- ✓ Data Connection
- ✓ Data Cleaning / Quality Check
- ✓ Data Modeling
- ✓ Data Processing
- ✓ DAX Calculations
- ✓ Dashboard Lay outing
- ✓ Charts Development and Formatting
- ✓ Dashboard / Report Development
- ✓ Insights Generation





BUSINESS REQUIREMENT

In today's digital music era, understanding listening patterns is crucial for both users and streaming platform analysis focuses on Spotify Albums Data, providing insights into user engagement with albums over time.

ALBUMS

🎵 **Total Albums Played Over Time** – Track how album listening trends change over months and years.

📅 **Number of Albums Listened by Year** – Identify annual listening habits and volume (Find the Min and Max of the view).

💥 **Albums Played on Weekday & Weekend** – Identify the Pattern of music listening on weekdays and weekends

🏆 **Top 5 Albums** – Identify the most played albums based on listening frequency.

📊 **Latest Year vs Previous Year Analysis** – Compare album consumption between the latest and previous year including:

- ◆ LY (Latest Year) vs PY (Previous Year) Trends
- ◆ YoY (Year-over-Year) Growth Analysis






BUSINESS REQUIREMENT

ARTISTS

 **Total Artists Played Over Time** – Track how artist listening trends evolve across months and years.

 **Number of Artists Listened by Year** – Identify annual listening habits and artist diversity. (Find the Min and Max number of artists in the view).

 **Artists Played on Weekday & Weekend** – Identify the Pattern of music listening on weekdays and weekends.

 **Top 5 Artists** – Identify the most played artists based on listening frequency.

 **Latest Year vs Previous Year Analysis** – Compare artist engagement between the latest and previous years, including:

- ◆ **LY (Latest Year) vs PY (Previous Year) Trends**
- ◆ **YoY (Year-over-Year) Growth Analysis**





BUSINESS REQUIREMENT

TRACKS

🎵 **Total Tracks Played Over Time** – Monitor how track listening trends change across months and years

📅 **Number of Tracks Listened by Year** – Identify annual listening habits and track diversity. (Find the Min and Max Tracks in the view).

💣 **Tracks Played on Weekday & Weekend** – Identify the Pattern of music listening on weekdays and weekends

🏆 **Top 5 Tracks** – Identify the most played tracks based on listening frequency.

📊 **Latest Year vs Previous Year Analysis** – Compare track engagement between the latest and previous years, including:

◆ **LY (Latest Year) vs PY (Previous Year) Trends**

◆ **YoY (Year-over-Year) Growth Analysis**






BUSINESS REQUIREMENT

LISTENING PATTERNS

 **Listening Hours Analysis** – Identify peak listening times using a **Heat Map** that visualizes patterns of listening hours and days with color intensity.

 **Average Listening Time (min) vs Track Frequency** – Use a **Scatter Plot with Quadrant Analysis** to categorize tracks based on:

- ◆ **High Frequency & High Listening Time** – Most engaging tracks 
- ◆ **Low Frequency & High Listening Time** – Niche but impactful tracks
- ◆ **High Frequency & Low Listening Time** – Short & frequently played tracks
- ◆ **Low Frequency & Low Listening Time** – Less popular tracks





BUSINESS REQUIREMENT

DETAILS GRID

In this report, we aim to analyze Spotify data by creating an interactive and dynamic **Grid View**. The display key details such as **Album Name**, **Artist Name**, **Track Name**, and other relevant attributes.

Key Requirements:

1. Grid View with Essential Fields:

1. The Grid should present critical data points for an intuitive and structured view.

2. Drill Through Functionality:

2. Users should be able to drill through from the main reports to explore underlying data for deeper insights.

3. The drilled-through data should be exportable to a CSV file based on user requirements.

3. Drill Down, Drill Up, and Hierarchy:

4. The Grid should support hierarchical navigation, allowing users to drill down and up for in-depth exploration.





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