

Data Card

- **Student Details:** Amay Dixit - 12340220
- **Topic:** Comprehensive Analysis of Spotify Listening Data: April to December 2024
- **Question Investigated:**
 1. What are the listening patterns across different times of the day and When do I listen to music the most?
 2. What are my most listened-to artists, albums, and songs?
 3. Do I follow any patterns in terms of session lengths or frequency?
- **Source of Data and Method of Collection:**
 - Data collected via Last.fm API, integrated with Spotify.
 - Extracted using lastfm-to-csv tool and stored in CSV format.
- **Number of Datapoints:** 8916 entries.
- **Number of Attributes and Attribute Types:**
 - Artist (Categorical)
 - Album (Categorical)
 - Title (Categorical)
 - Timestamp (Datetime)

Analysis and Results

Answers to Investigated Questions

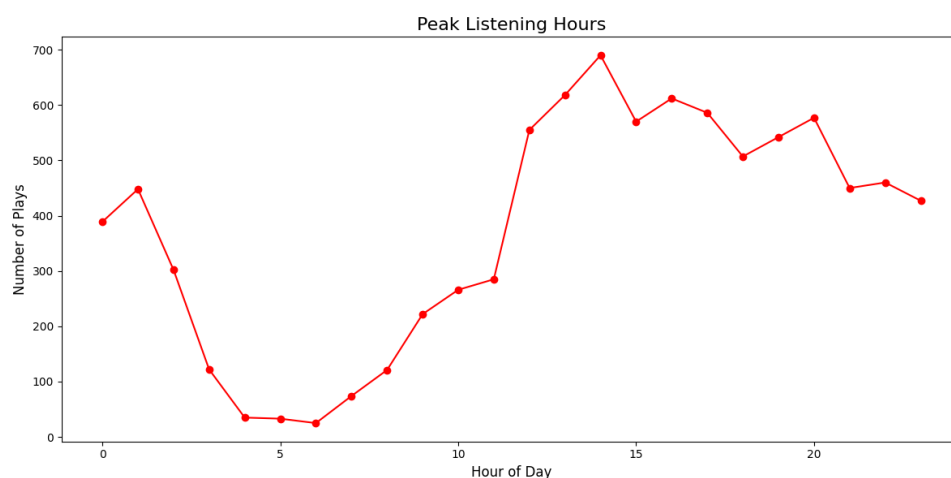


Figure 1: Hourly Listening Patterns

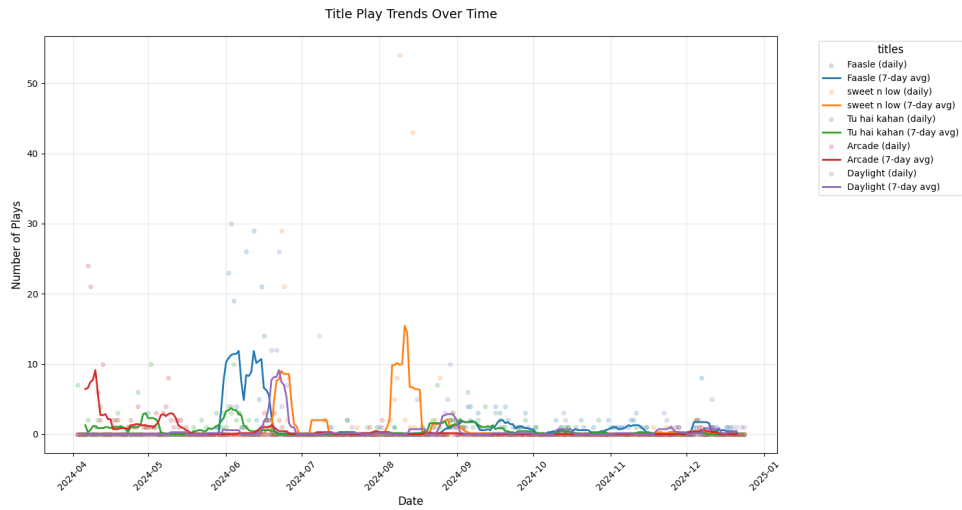


Figure 2: Songs Trends

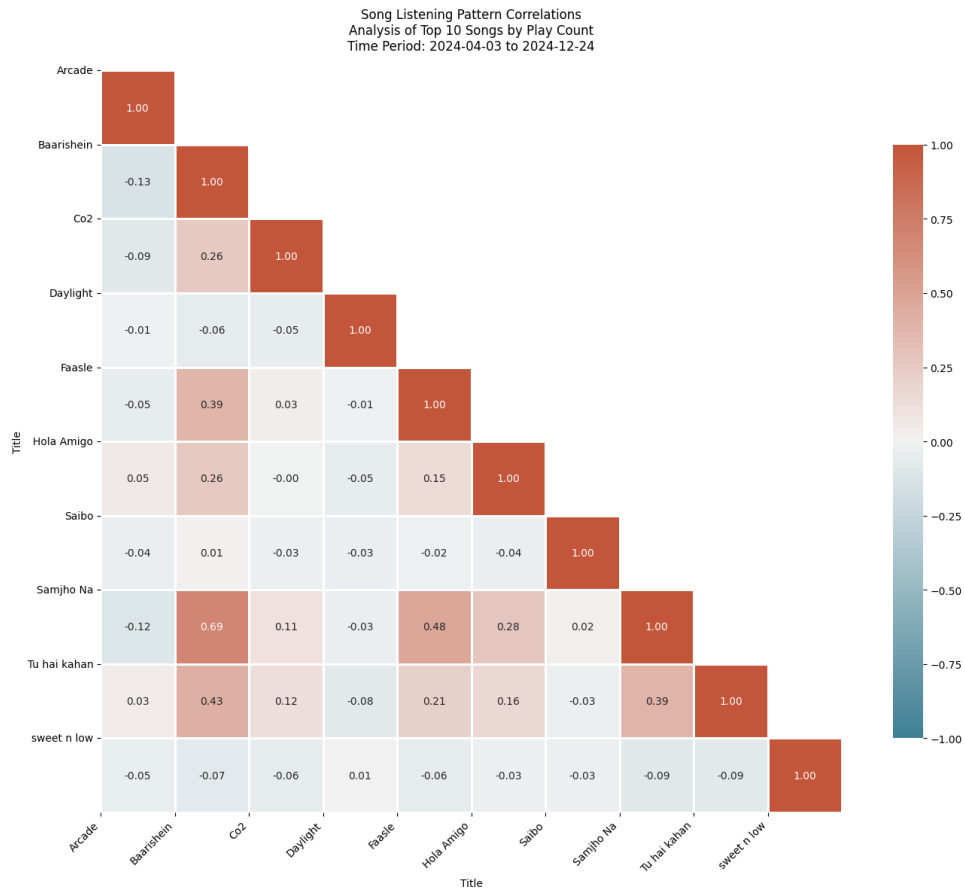


Figure 3: Songs Correlation