

# Spotify 2023 Data Dashboard Report:

## 1. General Overview:

- The Spotify 2023 data dashboard provides a comprehensive snapshot of the music streaming platform's performance. Key metrics include a total of 953 songs, with notable insights into genres, artists, and user engagement.

## 2. Song Analysis:

- Top Key: The top key identified across the songs is C#, indicating a prevalent musical key in the tracks available on Spotify in 2023.

- Top Artist: Taylor Swift emerges as the top artist, showcasing her continued popularity and influence on the platform.

## 3. Tempo and Streams:

- Average BPM: The average beats per minute (BPM) across all songs is calculated at 122.54, providing a sense of the overall tempo of the music on Spotify.

- Total Streams: A total of 490 streams indicate the platform's significant user engagement and the popularity of its diverse song catalog.

## 4. Musical Characteristics:

- Mode of Song: The dashboard identifies whether songs predominantly fall into the major or minor mode, offering insights into the emotional tones of the music.

## 5. User Interaction Features:

- Top 10 Songs Tooltip: Enhancing user experience, the dashboard incorporates tooltips displaying track images when hovering over the names of the top 10 songs, creating a visually engaging interface.

## 6. Release Patterns:

- Songs Released by Month: The dashboard breaks down song releases based on months, providing insights into the industry's release patterns throughout the year.

## 7. Platform-specific Charts:

- Top 10 Songs on Various Platforms:

- Apple Charts: Highlighting the songs that dominate the Apple Charts, offering insights into cross-platform popularity.
- Spotify Charts: Identifying the tracks leading Spotify's own charts, showcasing the platform's internal dynamics.
- Shazam Charts: Showcasing the songs that are being actively identified and discovered by Shazam users.
- Deezer Charts: Illustrating the top songs on Deezer, providing a comprehensive view of music preferences across different platforms.

#### **8. Attributes of Top 10 Songs:**

- Danceability, Energy, Liveness, Speechiness, Valence, Acousticness:
- Analyzing these attributes for the top 10 songs provides a nuanced understanding of the music's characteristics, aiding both listeners and the music industry in identifying trends and preferences.

#### **Conclusion:**

The Spotify 2023 data dashboard offers a rich set of insights into the platform's music catalog, user engagement, and industry trends. The integration of various metrics and interactive features enhances the dashboard's usability, making it a valuable tool for both music enthusiasts and industry professionals.