

Spotify Tracks Dashboard – Data Analysis

This dashboard analyzes a dataset of 158k Spotify tracks. It provides insights on track popularity, explicit content, and top artists. Built using Power BI with DAX measures and interactive visuals.

158K

Total Tracks

30K

Total Artists

114

Total Genres

9.25%

Explicit %

3.83

Avg Duration (Min)

33.33

Avg Popularity

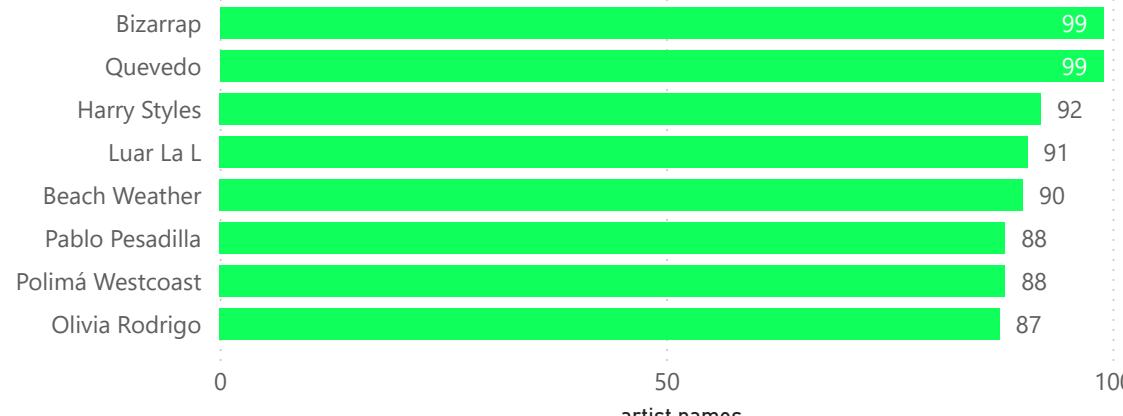
Artist Rank By Popularity

Artist Popularity Rank	artists	Avg Popularity
1	Bizarrap	99.00
1	Quevedo	99.00
2	Harry Styles	92.00
3	Luar La L	90.50
4	Beach Weather	90.00
5	Pablo Pesadilla	88.00
5	Polimá Westcoast	88.00

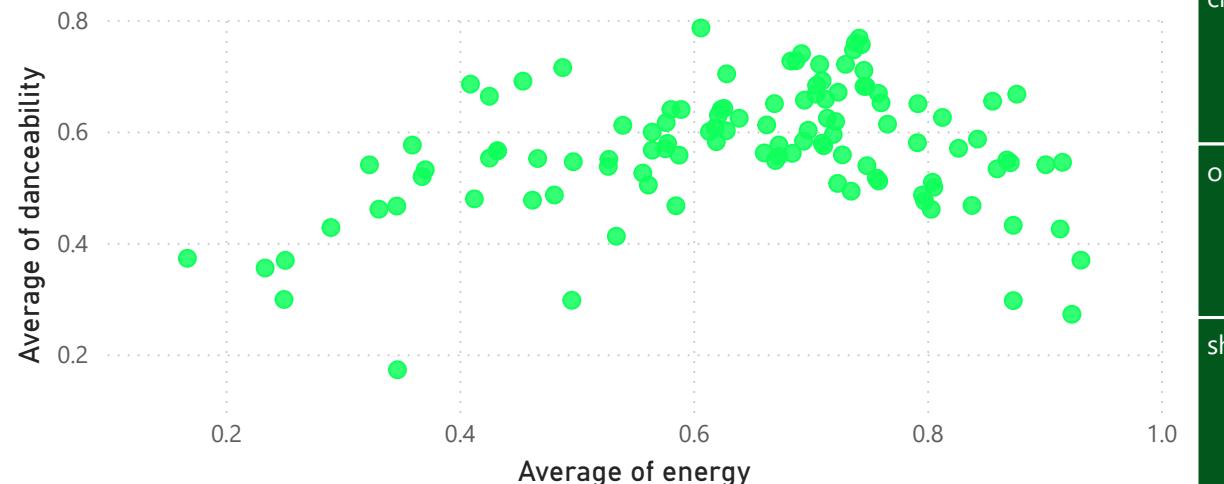
1979

33.33

Top 10 Artists by Popularity



Average of energy and Average of danceability by track_genre



Genre Contribution by Track Count



Genre

Artists

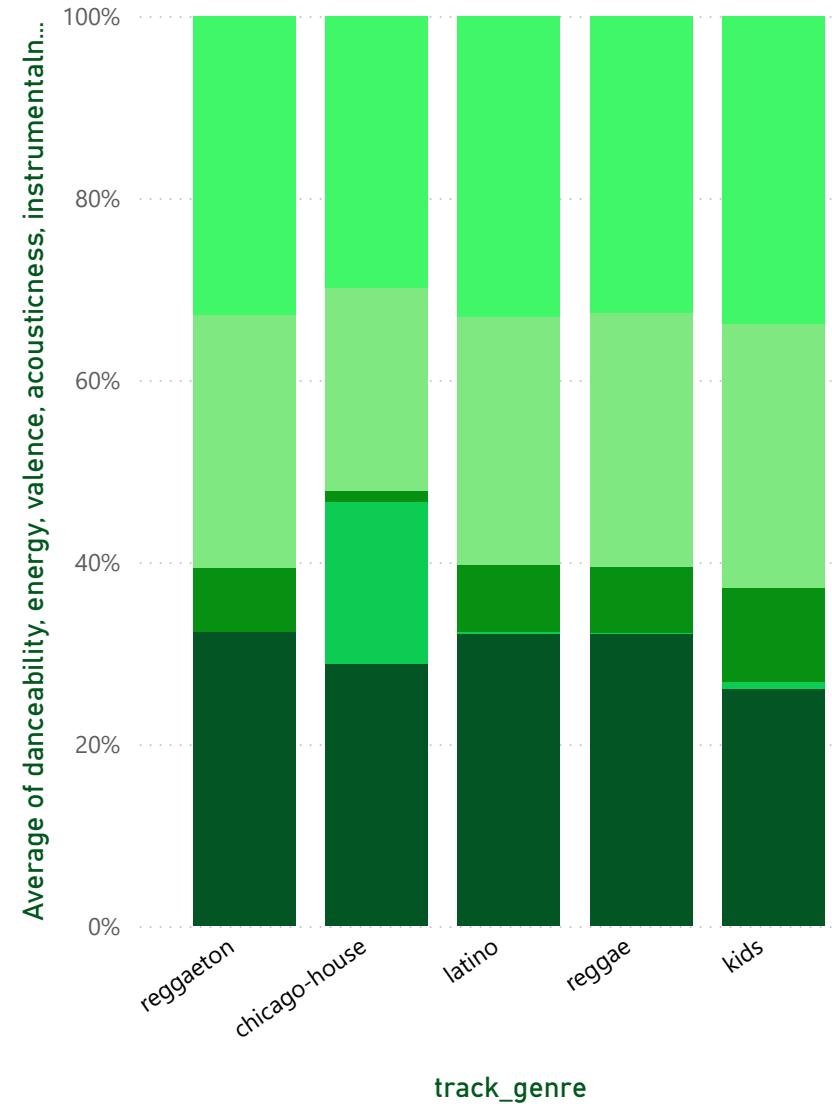
Popularity

Explicit

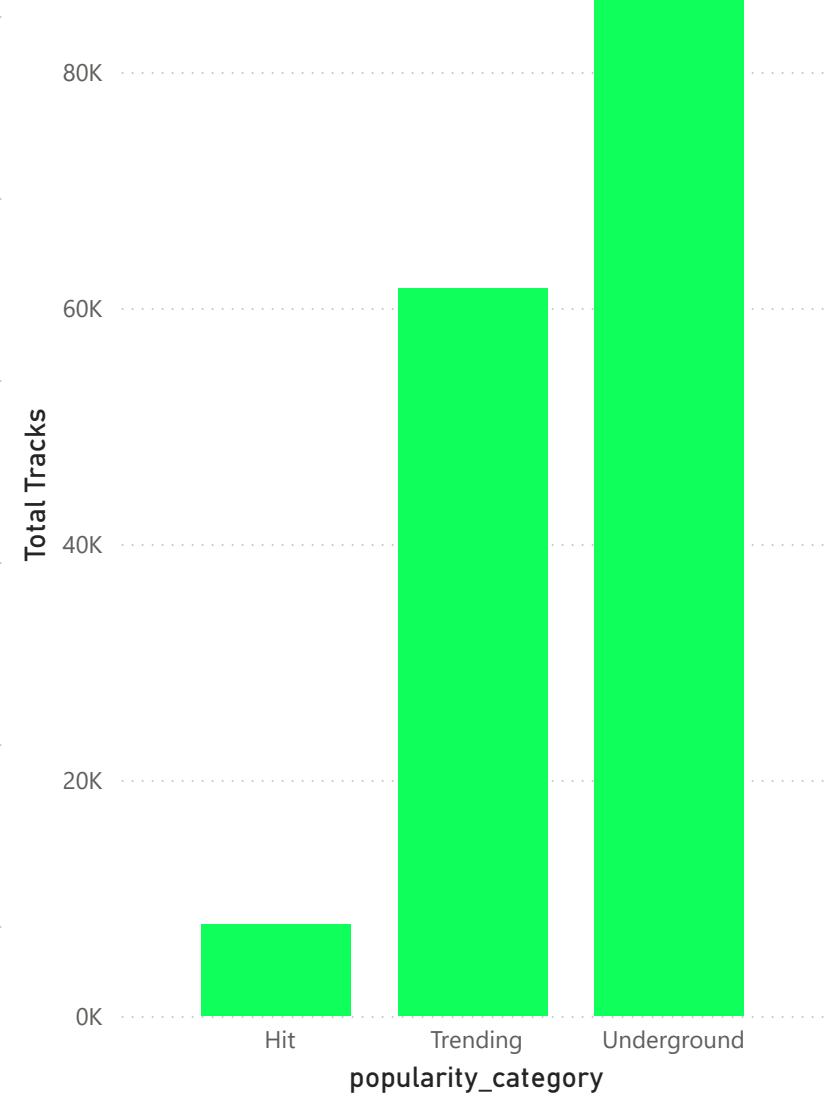
False
 True

Average Audio Features by Genre

Audio Features ● energy ● instrument... ● acousticn... ● valence



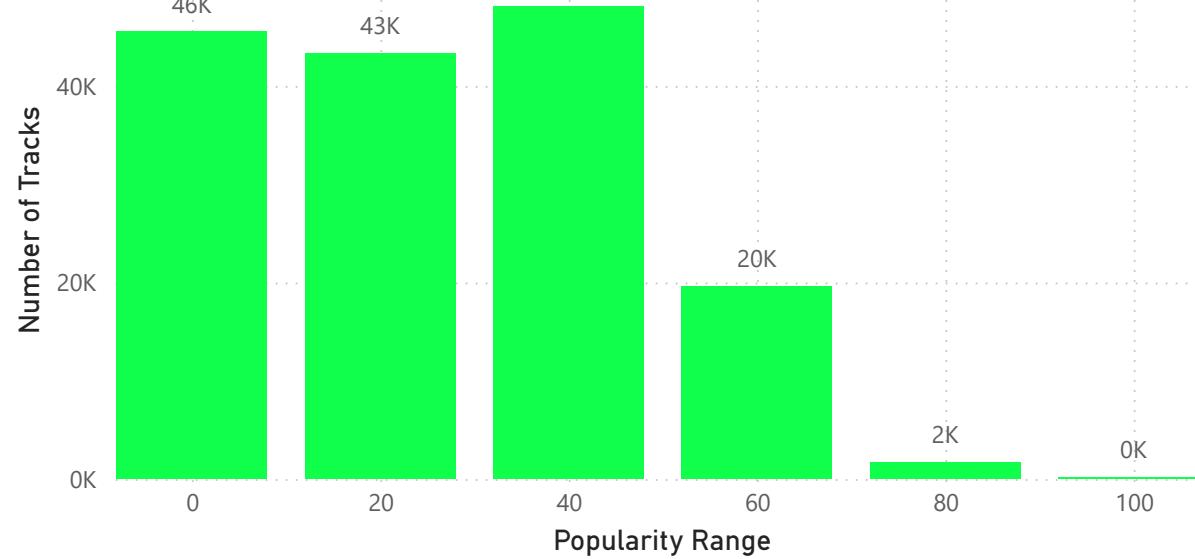
Popularity Distribution of Tracks



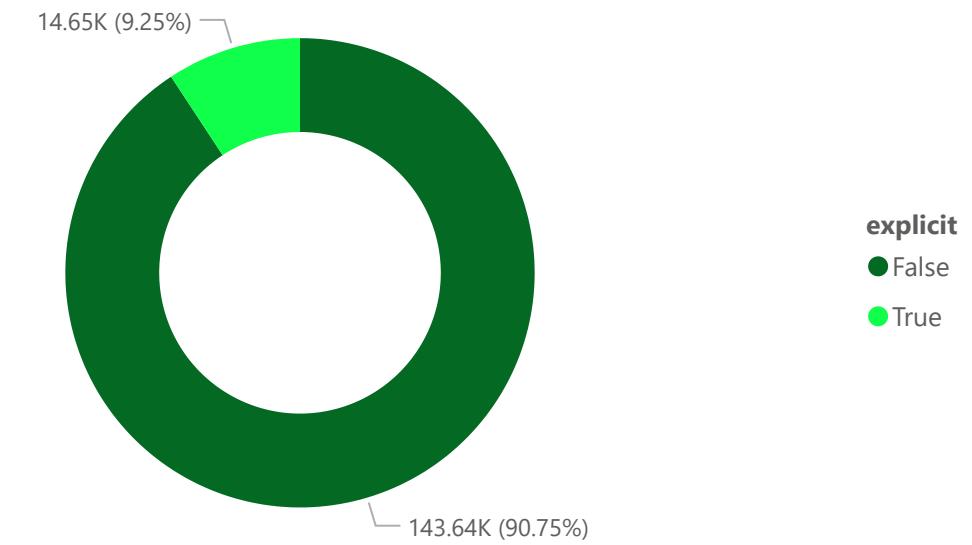
Top Tracks Overview

artists	popularity	track_name	track_genre
Rilès	0	"I'll Be Back!"	k-pop
Brian Hyland	52	"A" You're Adorable	french
Little Apple Band	39	"C" IS FOR COOKIE	rockabilly
Little Apple Band	8	"C" IS FOR COOKIE	kids
Massimo Palombella	32	"C" IS FOR COOKIE	kids
Sistine Chapel Choir	0	"Christe, Redemptor omnium"	sleep
Traditional	0	"Christe, Redemptor omnium"	sleep
Dillinger Four	24	"Contemplate This on the Tree of Woe."	power-pop
Capcom Sound Team	55	"DEVILS NEVER CRY"(スタッフ フロール)	anime
Nikolay Kopylov	0	"Don Carlos" Roderigo'S Death Aria	romance
Nikolay Kopylov	0	"Eugene Onegin" Arioso Of Onegin	romance
Dave Brubeck	29	"Farewell" Jingle Bells	piano

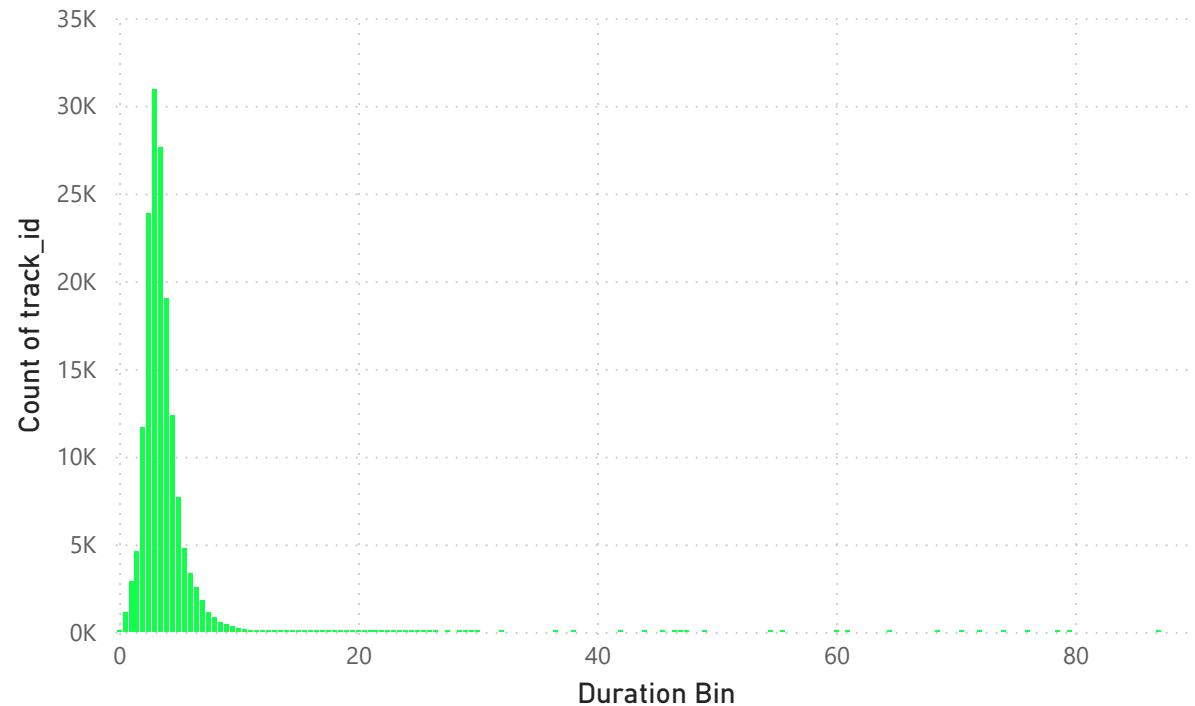
Track Popularity Distribution



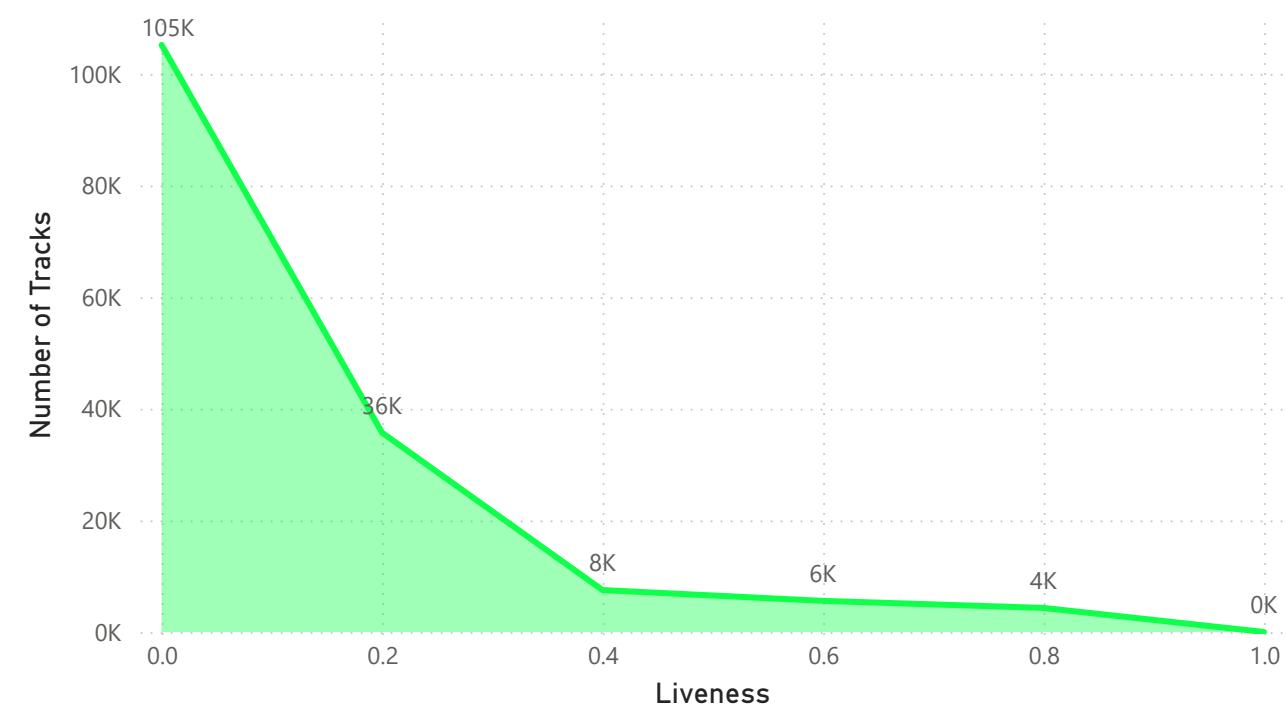
Explicit vs Non-Explicit Songs



Track Duration Distribution



Track Liveness Distribution



Key Findings & Final Analysis

- Who are the most popular artists in the dataset?
 - What percentage of tracks are explicit?
 - Which genres have the highest popularity?
 - What patterns exist in energy, danceability, and other track features?
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- **Most popular artists: Bizzarap, Quevedo, Harry Styles, and Luar La L.**
 - **Explicit tracks make up 9.25% of the dataset.**
 - **Top 6 genres by popularity: Classical, Opera, Show Tunes, EDM, Pop, Film.**
 - **Kids genre songs consistently show high energy and high danceability patterns.**

Overall, this Spotify dashboard highlights clear trends across artists, genres, and audio features. Popularity is concentrated among a small group of artists, while explicit content represents only a small portion of the dataset. Genres like Classical, Opera, Show Tunes, EDM, Pop, and Film consistently rank highest in popularity. Track feature analysis also reveals that Kids genre songs tend to be more energetic and danceable. These insights demonstrate how data can uncover patterns in music consumption and listener preferences.