

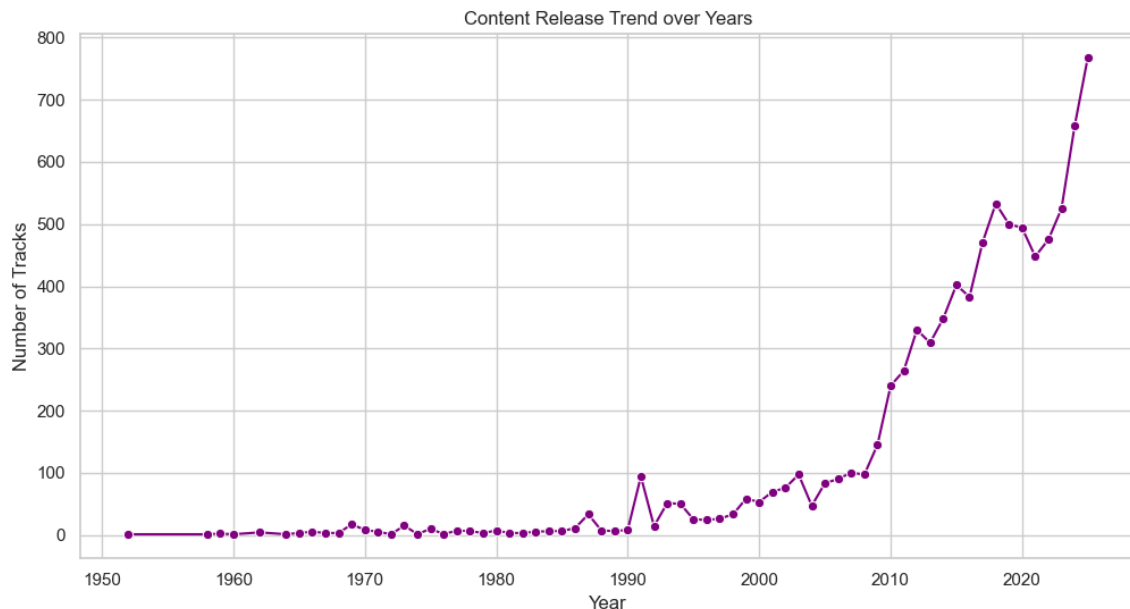
Consolidated Spotify Analysis Report

1. Data Integration Summary

This report analyzes data merged from two sources: 'track_data_final' and 'spotify_data clean'. After merging and cleaning duplicates, the final dataset contains 8573 unique tracks. All charts below are generated from this unified dataset.

2. Trends Over Time

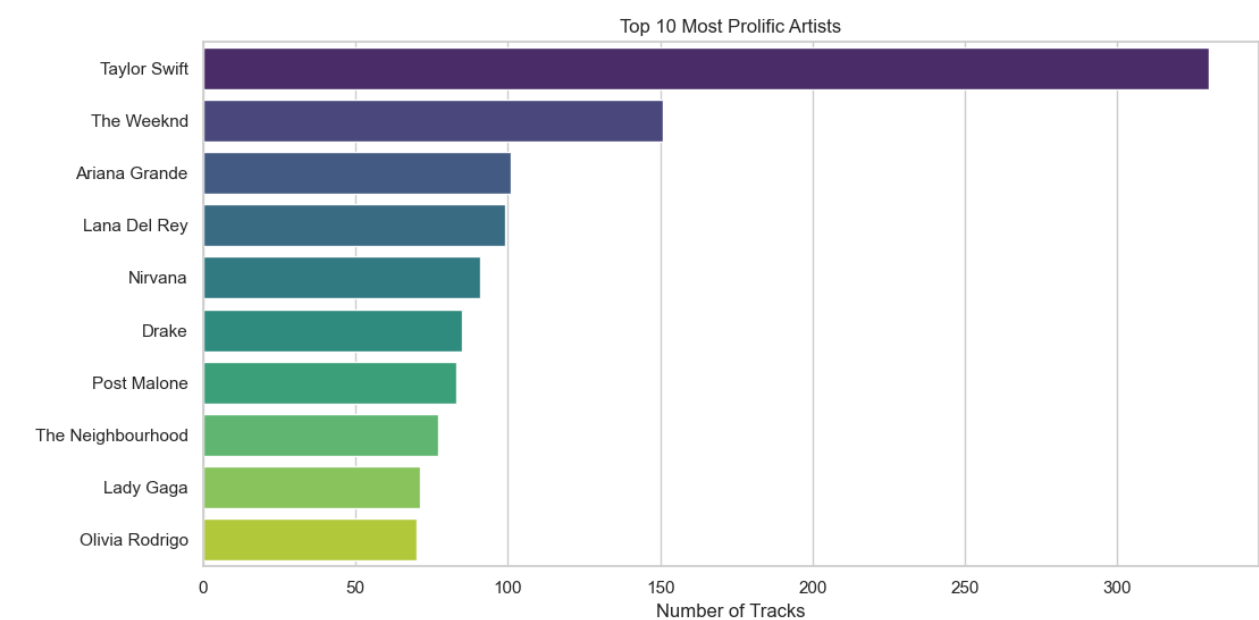
The chart below illustrates the temporal distribution of the music library based on album release years. An upward trend suggests an increasing number of releases or a focus on more modern music in the collection.



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3. Top Artists

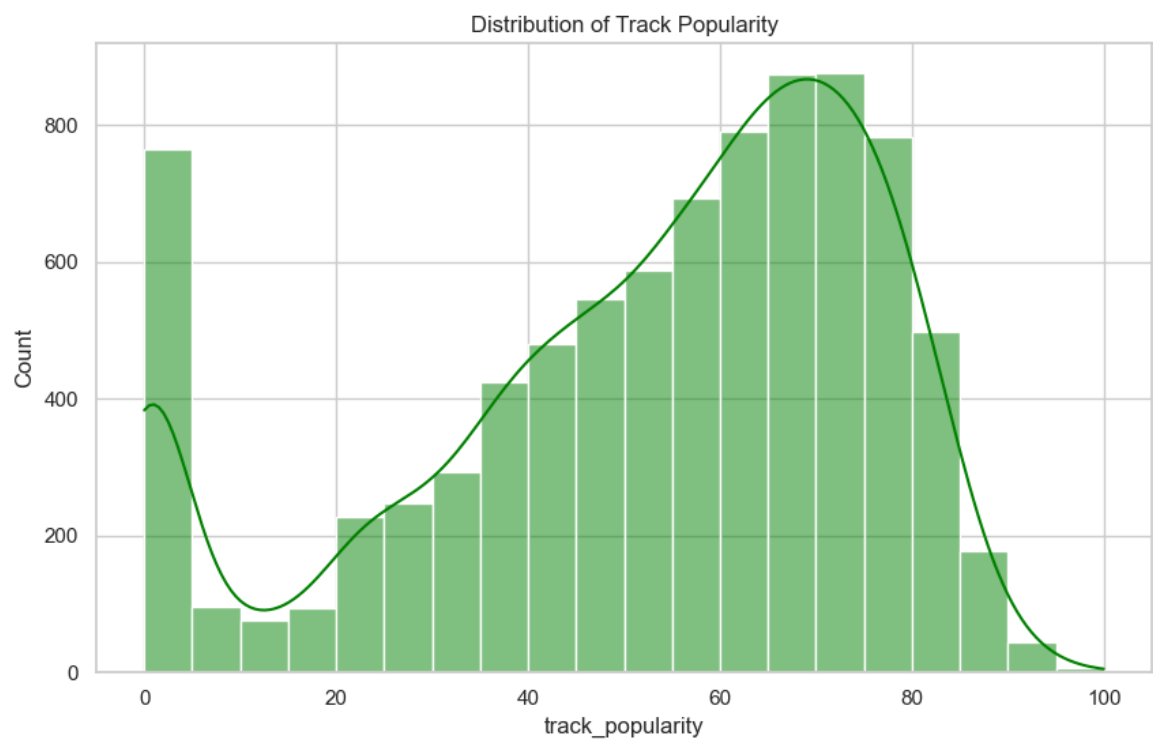
This bar chart highlights the most prolific artists in the dataset. These are the top 10 artists with the highest count of individual tracks.



4. Popularity & Content Type

The histogram below shows how 'Track Popularity' is distributed. A left-skew would indicate many niche tracks, while a right-skew indicates many hits.

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4.1 Content Breakdown

This pie chart displays the ratio of 'Explicit' vs 'Clean' tracks in the library, providing insights into the content rating nature of the collection.

