SELF-AUTHORED PLANNING ARTIFACT

Spotify Dashboard Business Requirements

A concise requirements document I created to plan a personal Power BI analysis using an independently sourced Spotify Top-50 dataset. The audience roles below are intended user perspectives used to shape the dashboard—not external clients or research participants.

Project intent

- Turn a list-and-ranking dataset into a connected analytical experience.
- Let a viewer move from catalogue-level patterns to artist and song detail.
- Use a consistent hierarchy across Overview, Artists and Songs pages.

Intended user perspectives

Music analyst	Explore trends, popularity, duration and catalogue structure.
Playlist manager	Compare artists and tracks, then inspect the records behind each view.
Marketing team	Identify high-performing songs, artists and changing monthly patterns.

Dashboard requirements

Three connected levels of analysis

01 · Overview

- Track total songs, distinct artists, average popularity and average duration.
- Compare explicit and non-explicit songs and their relative share.
- Analyse songs by album type, release year and month.
- Surface top songs and artists while preserving paths to deeper detail.

02 · Artists

- Rank artists by popularity and compare song counts and tracks per album.
- Provide artist-level rows for songs, release date, average popularity, average position and duration.
- Make consistent performers and number-one appearances easier to identify.

03 · Songs

- Rank songs by popularity and compare album/single distribution.
- Show song counts and detailed track records in one coordinated view.
- Include release date, artist count, popularity, position and annual duration context.

Analysis problem

A raw Top-50 dataset is useful for lookup, but weak for pattern recognition. The dashboard should connect KPI monitoring, catalogue composition, time-based trends and drill-down detail so viewers can move from a quick question to the underlying records without leaving the report.

SOURCE BOUNDARY	Raw CSV: 27,800 observations, 794 songs and 343 artist credits. Cleaned Power BI model: 789 songs and 342 artist credits after Power Query preparation and dashboard filters.