

Field Definitions

Field Name	Data Type	Description
<code>id</code>	<code>string</code>	Unique identifier for each track. Used as the primary key to distinguish individual songs in the dataset.
<code>name</code>	<code>string</code>	The title of the track. Contains the official name of the song as it appears in the music catalog.
<code>artists</code>	<code>string</code>	Artist(s) who performed or created the track. May contain multiple artists separated by delimiters if the track is a collaboration.
<code>year</code>	<code>int64</code>	The year the track was released. Represents the original release year of the recording.
<code>release_date</code>	<code>datetime64[ns]</code>	Complete release date of the track including day, month, and year. Provides precise temporal information about when the track became available.
<code>Genre</code>	<code>string</code>	Musical genre classification of the track. Categories may include pop, rock, hip-hop, electronic, classical, jazz, etc.
<code>popularity</code>	<code>float64</code>	Popularity score of the track. Typically ranges from 0-100, with higher values indicating more popular tracks based on streaming data and user engagement.
<code>duration_min</code>	<code>float64</code>	Duration of the track in minutes. Represents the total length of the audio recording as a decimal value (e.g., 3.5 = 3 minutes 30 seconds).
<code>explicit</code>	<code>int64</code>	Explicit content indicator. Binary flag where 1 indicates the track contains explicit content (profanity, violence, etc.) and 0 indicates clean content.

mode	<code>int64</code>	Musical mode (major or minor) of the track. Binary value where 1 represents major scale and 0 represents minor scale. Indicates the type of scale from which the melodic content is derived.
speechiness	<code>float64</code>	Detects the presence of spoken words in a track. Ranges from 0.0 to 1.0. Values above 0.66 indicate tracks made primarily of spoken words (podcasts, audiobooks). Values between 0.33-0.66 may contain both music and speech (rap music). Values below 0.33 represent music and non-speech tracks.
acousticness	<code>float64</code>	Confidence measure of whether the track is acoustic. Ranges from 0.0 to 1.0, with 1.0 representing high confidence that the track is acoustic (minimal electronic instrumentation).
instrumentalness	<code>float64</code>	Predicts whether a track contains no vocals. Ranges from 0.0 to 1.0. Values above 0.5 represent instrumental tracks. The closer to 1.0, the greater likelihood the track contains no vocal content. Rap or spoken word tracks are clearly "vocal".
liveness	<code>float64</code>	Detects the presence of an audience in the recording. Ranges from 0.0 to 1.0. Higher values represent an increased probability that the track was performed live. Values above 0.8 strongly suggest the track is live.
valence	<code>float64</code>	Musical positiveness conveyed by a track. Ranges from 0.0 to 1.0. High valence tracks sound more positive (happy, cheerful, euphoric), while low valence tracks sound more negative (sad, depressed, angry).

tempo	string	Estimated tempo of the track in beats per minute (BPM). Stored as string but represents the overall pace or speed of the recording. Typical values range from 50-200 BPM.
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