



# SPOTIFY DATA ANALYSIS

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Introduction

Dashboard

Acousticness(Top 20)

Danceability(Top 10)

Energy/Liveliness/Speechiness(  
Top 5)

Loudness(Bottom 15)



## Artist

Select all

10cc

2Pac

3 Doors Down

3JS

4 Non Blondes

5 Seconds of Summer

# Spotify Dashboard



58K

Acousticness

981.85

BPM

9960

Speechiness

963.95

Valence

1.44K

Loudness

38K

Liveness

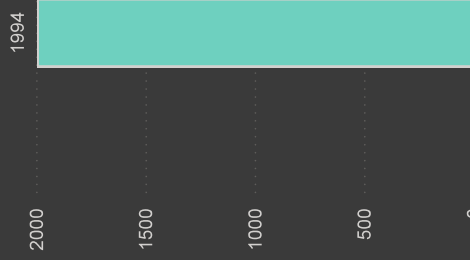
1.17K

Energy

1.00K

Danceability

## Song Count

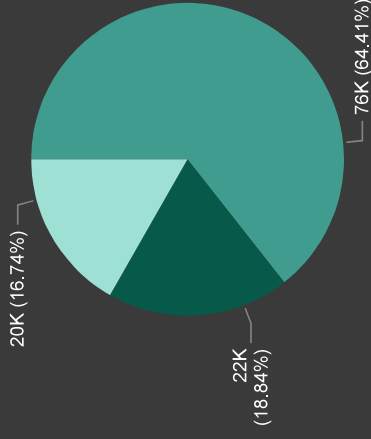


## Title

## Duration

Zwart Wit	186
Zoutelande - feat. Geike	223
Zonder Jou	236
Zombie	306
Zo Stil	237
Zing Voor Me	216
Zing - Vecht - Huil - Bid - Lach - Werk En Bewonder	281
Zij Maakt Het Verschil	280
Zij Gelooft In Mij	240
Zij	245
Ziggy Stardust - 2012 Remaster	194
Zelfs Je Naam Is Mooi	270
Zeg Me Dat Het Niet Zo Is	161
Zeg Maar Niets Meer - Remastered	167
Zaterdag	202

## Popularity Level



Popularity Level

Medium

High

Low

## Year

All

149

Total genere

518K

Total time duration

1958

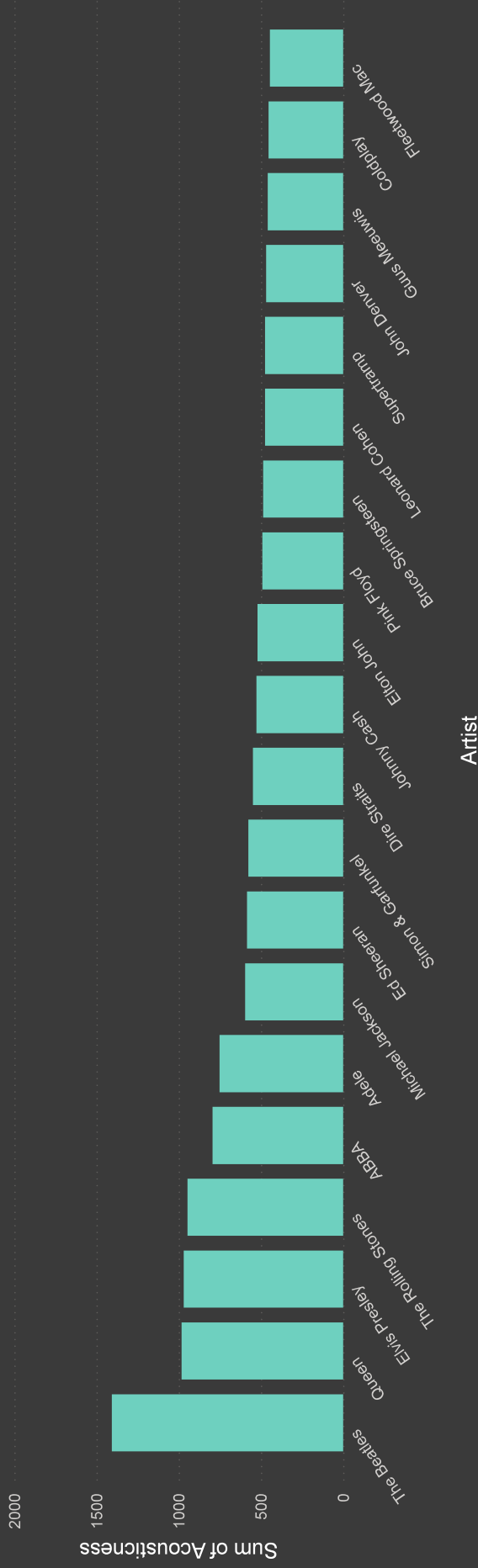
Total number of son...

731

Total number of artist



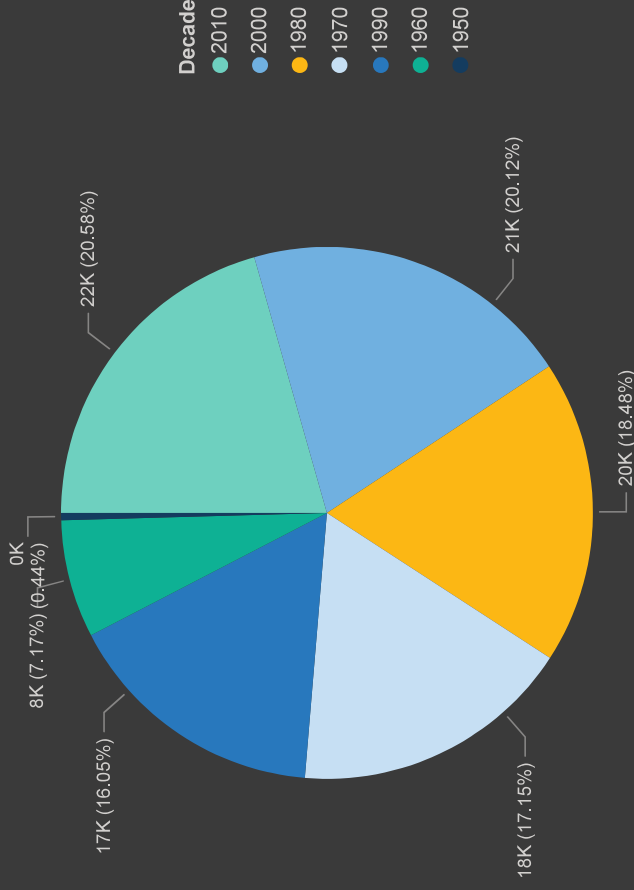
## Sum of Acousticness by Artist



## Acousticness

- . **Definition:** A measure of how acoustic a song is. It ranges from 0.0 (not acoustic) to 1.0 (entirely acoustic).
- . **What it describes:** Songs with higher acousticness are likely to feature acoustic instruments and have minimal electronic production.
- . **Observation:** The Beatles has the highest acousticness with the range close to 1406 followed by Queen and Elvis Presley.

# Sum of Danceability by Decade



## Danceability

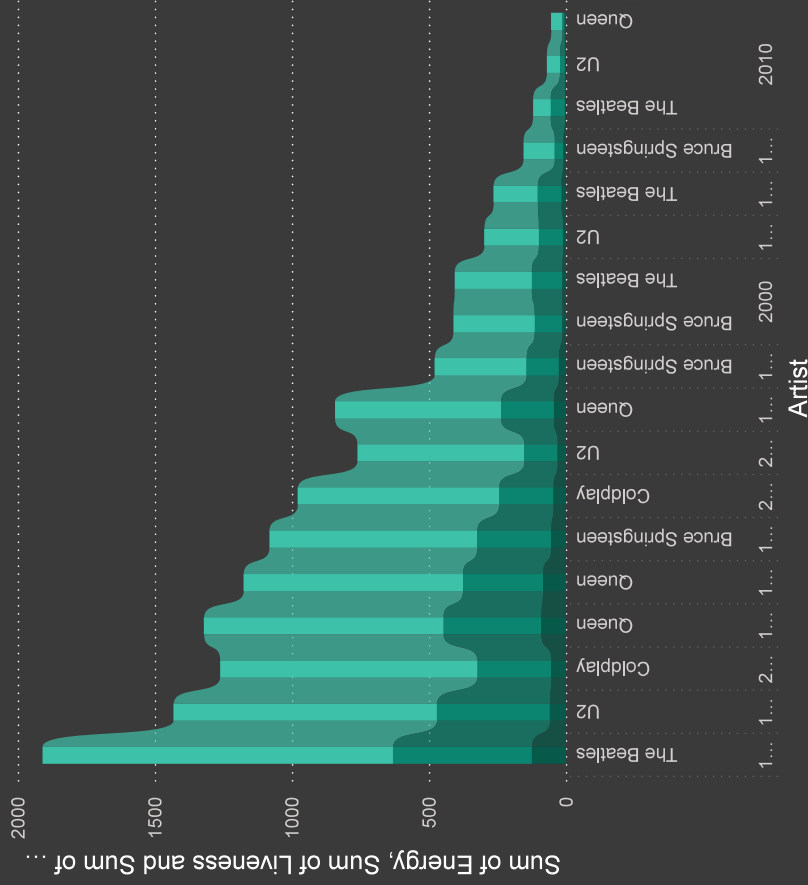
- Definition:** A measure of how suitable a track is for dancing, based on tempo, rhythm stability, beat strength, and overall regularity.
- Range:** 0.0 (least danceable) to 1.0 (most danceable).
- What it describes:** Tracks with high danceability have steady rhythms and beats, making them easy to groove to.
- Observation:** The songs in 2010 has the highest danceability followed by year 2000 and 1980 and lowest is 1950 which indicates that danceability in the songs has increased gradually over past years.

# Sum of Energy, Sum of Liveness and Sum of Speechiness by Decade and Artist



Sum of Energy, Sum of Liveness and Sum of Speechiness

Sum of Energy Sum of Liveness Sum of Speechiness



## Energy

- **Definition:** A measure of a song's intensity and activity. It ranges from 0.0 (low energy) to 1.0 (high energy).
- **What it describes:** High-energy songs are fast, loud, and dynamic, often evoking excitement or enthusiasm.
- **Observation:** The Beatles have the highest cumulative energy score among all artists and decades, indicating their songs are highly intense and dynamic.

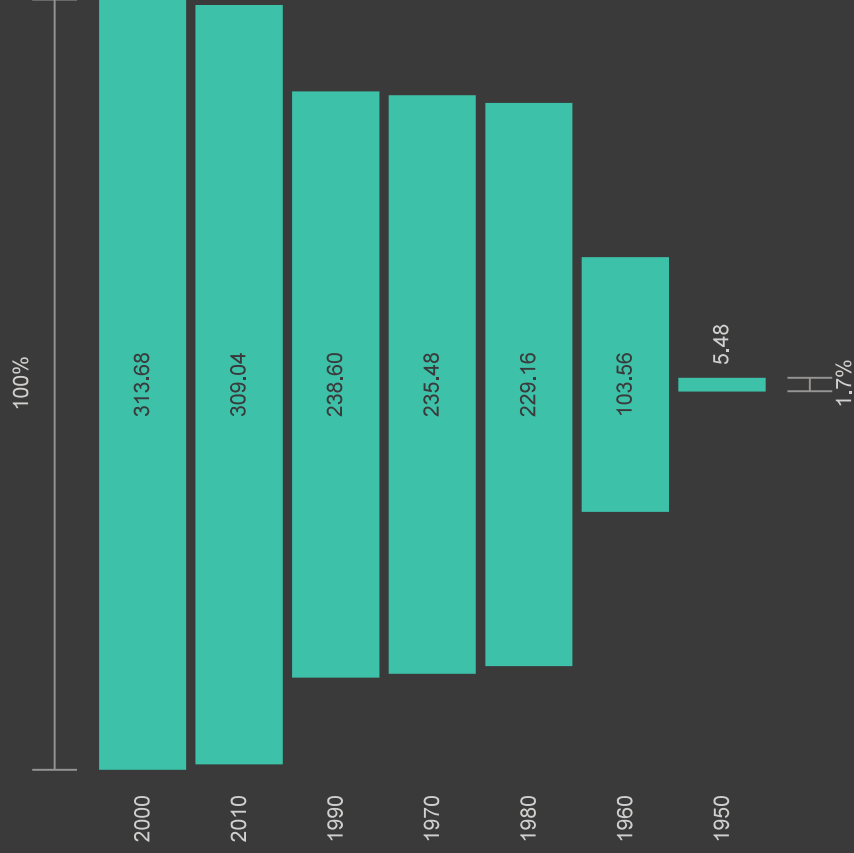
## Liveness

- **Definition:** A measure of how "live" a song feels, reflecting the presence of an audience or ambient noise.
- **What it describes:** Tracks with high liveness might include applause, cheering, or other live-performance elements.
- **Observation:** Live performances or audience interaction seem most prominent in The Beatles' and Coldplay's tracks, as they have higher liveness scores.

## Speechiness

- **Definition:** A measure of how much spoken word content is in a track. It ranges from 0.0 to 1.0.
- **What it describes:**
  - High speechiness (>0.66): Tracks that are primarily spoken words, like podcasts or speeches. Moderate speechiness (0.33–0.66): Tracks with a mix of speech and music, like rap. Low

## Sum of Loudness (dB) (Normalized) by Decade



### Loudness:

**Definition:** The overall loudness of a track measured in decibels (dB), averaged across the entire song.

**What it describes:** Reflects the song's perceived volume. Higher values mean the track is louder.

**Observations:** The Loudness has been increased over the course of time with the loudness lowest in 1950s and highest in 2000 and 2010.

