# Summary Report for spotify.csv
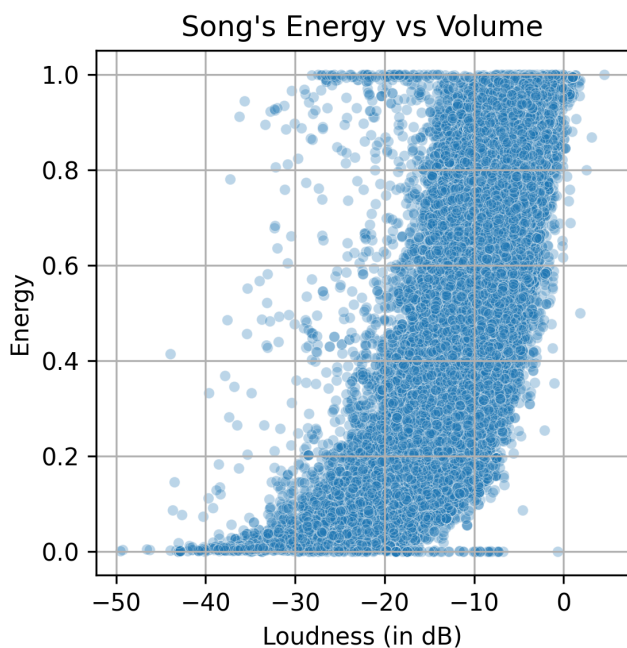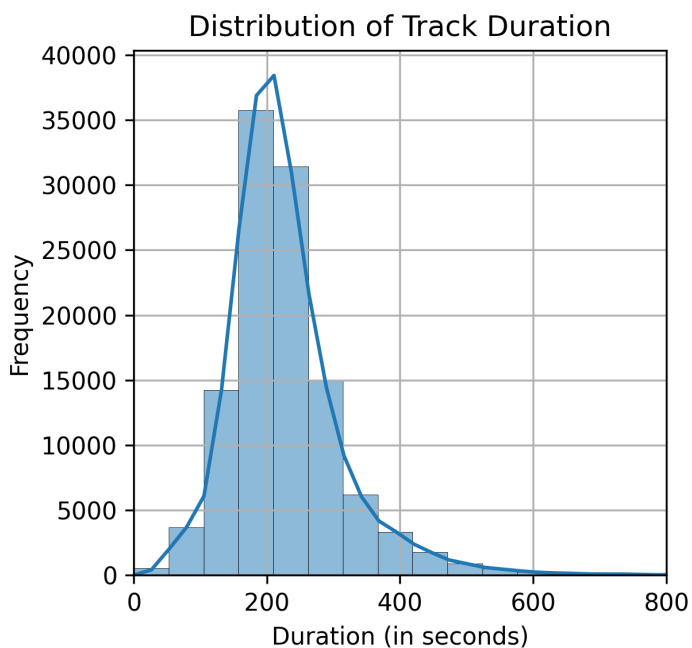
**Dataset: spotify.csv**

**Number of Columns: 21**

**Columns/Variables:**

Unnamed: 0, track_id, artists, album_name, track_name, popularity, explicit, danceability, energy, key, loudness, mode, speechiness, acousticness, instrumentalness, liveness, valence, tempo, time_signature, track_genre, duration_s

**Summary Statistics:**

| column | mean | median | std_dev |
|---|---|---|---|
| popularity | 33.24 | 35.0 | 22.31 |
| duration_s | 228.03 | 212.91 | 107.3 |
| explicit | 0.09 | 0.0 | 0.28 |
| danceability | 0.57 | 0.58 | 0.17 |
| energy | 0.64 | 0.68 | 0.25 |
| key | 5.31 | 5.0 | 3.56 |
| loudness | -8.26 | -7.0 | 5.03 |
| mode | 0.64 | 1.0 | 0.48 |
| speechiness | 0.08 | 0.05 | 0.11 |
| acousticness | 0.31 | 0.17 | 0.33 |
| instrumentalness | 0.16 | 0.0 | 0.31 |
| liveness | 0.21 | 0.13 | 0.19 |
| valence | 0.47 | 0.46 | 0.26 |
| tempo | 122.15 | 122.02 | 29.98 |
| time_signature | 3.9 | 4.0 | 0.43 |

**Visualizations:**



Distribution of Track Duration



Song's Energy vs Volume

Distribution of Tempo