DATA VISUALIZATION ASSIGNMENT-2

PLAYLIST NAME & DURATION:

The Tableau chart illustrates the distribution of track artists across different playlists, with each column representing a specific artist and each row indicating the count of playlists featuring their tracks. The labels on the chart convey the total sum of track occurrences across all playlists. This visualization provides a clear insight into the prevalence and distribution of artists within the playlist ecosystem.

SUBGENERE AND THEIR DANCEABILITY:

The Tableau chart displays the sum of danceability for various subgenres, revealing the comparative danceability levels across different music categories. The vertical axis represents the total danceability scores, providing insights into which subgenres generally have higher or lower danceability. This visualization allows quick identification of trends or patterns in the danceability of different music subgenres.

TOTAL VALUES OF DATASET:

The arrangement of Measure Values along columns and Measure Names along rows suggests a dynamic visualization with multiple measures. Each cell likely represents a specific combination of measures, allowing for a comprehensive view of their relationships.
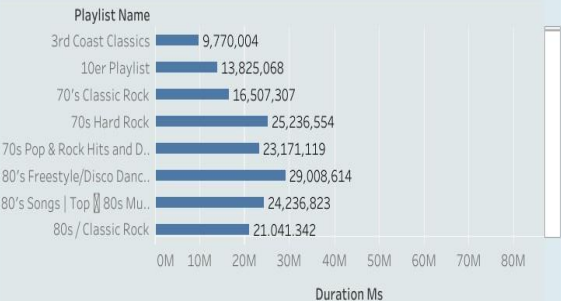
YEAR AND POPULARITY:

Pie chart in Tableau uses color to represent the year of release date, while the angle, size, and label are determined by the sum of track popularity. This visualization likely conveys the distribution of track popularity across different years, with the size of each slice indicating the cumulative popularity of tracks released in a specific year. The color distinction helps identify trends or concentration of popular tracks over time, offering a visually intuitive way to explore the relationships between release years and track popularity in our dataset.
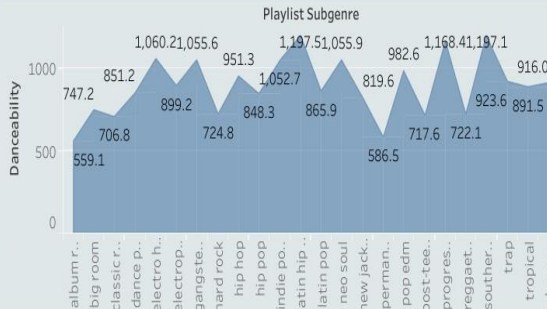
TRACK ARTIST AND THEIR POPULARITY:

The chart likely shows a breakdown of the count of popularity levels for each artist, with the label representing the sum of popularity scores. This visualization allows you to quickly identify which artists have a higher cumulative popularity and observe the distribution of popularity levels across the dataset.
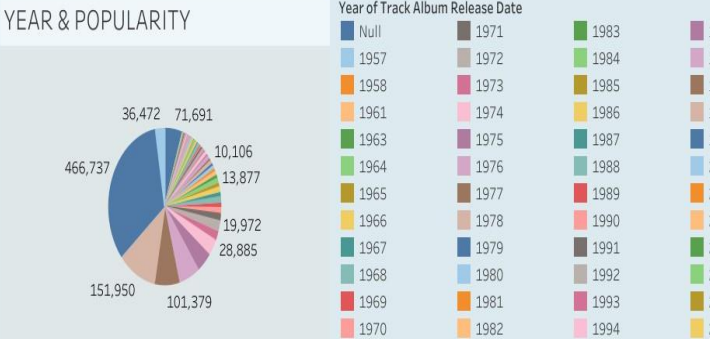
SPOTIFY SONGS ANALYSIS

PLAYLIST NAME & DURATION

Playlist Name

Playlist	Duration Ms
3rd Coast Classics	9,770,004
10er Playlist	13,825,068
70's Classic Rock	16,507,307
70s Hard Rock	25,236,554
70s Pop & Rock Hits and D..	23,171,119
80's Freestyle/Disco Danc..	29,008,614
80's Songs	Top 80s Mu..	24,236,823
80s / Classic Rock	21.041.342

0M 10M 20M 30M 40M 50M 60M 70M 80M

Duration Ms

SUBGENRE & THEIR DANCEABILITY

Playlist Subgenre

Danceability values: 747.2, 559.1, 851.2, 706.8, 1,060.2, 1,055.6, 899.2, 724.8, 951.3, 848.3, 1,052.7, 865.9, 1,197.5, 1,055.9, 819.6, 586.5, 982.6, 717.6, 1,168.4, 722.1, 1,197.1, 923.6, 916.0, 891.5

X-axis: album r.., big room, classic r.., dance p.., electro h.., electrop.., gangste.., hard rock, hip hop, hip pop, indie po.., latin hip.., latin pop, neo soul, new jack.., perman.., pop edm, post-tee.., progres.., reggaet.., souther.., trap, tropical, urban co..

TOTAL VALUES OF DATA SET

Acousticness	5,7!
Count of spotify_songs.csv	32,8:
Danceability	21,5(
Duration Ms	7,413,685,2:
Energy	22,9:
Instrumentalness	2,7!
Key	176,4(
Liveness	6,2
Loudness	-220,6:

YEAR & POPULARITY

Pie chart values: 36,472 71,691 10,106 13,877 19,972 28,885 101,379 151,950 466,737

Year of Track Album Release Date

Null	1971	1983	1	
1957	1972	1984	1	
1958	1973	1985	1	
1961	1974	1986	2	
1963	1975	1987	1	
1964	1976	1988	2	
1965	1977	1989	2	
1966	1978	1990	2	
1967	1979	1991	2	
1968	1980	1992	2	
1969	1981	1993	2	
1970	1982	1994	2	

TRACK ARTIST& THEIR POPULARITY

Track Artist

Count of Track Popularity values: 3,618, 4,044, 5,625, 3,677, 5,878, 4,279, 4,643, 2,534, 3,285, 4,206, 2,917, 5,405, 2,801, 7,600, 3,766, 2,912, 3,865, 5,848, 2,540, 1,708, 7,097, 4,304, 2,366

X-axis: Abraha.., Amr Diab, Axel Boy, Bill With.., Brothers, Charlie .., Cookin S.., Dawson.., DMX, ELEVATI.., Fetty W.., Gary's G.., H.E.R., Idaly, Jason Th.., Jory Boy, KESI, LAIKIPIA, Lockeland, Maia Mi.., Mayday.., Moe Doll.., Nek, Olivia Ki.., Pete Phi.., Raise, Roderic H, Sean Br.., Smallpo.., Sueco th.., THE BOYZ, THE WL.., TRY Deny, Waterpa..