**Data Dictionary**

**Artist\_Name** : Name of the Artist

**Track\_Name** : Name of the Song

**Release\_Date** : Release Date of the Song

**Lyrics** : Lyrics of the Song with stopwords removed. If the language of the original was in another language, the lyrics of the song were translated to English.

**Genre** : Primary Genre of the Song

**Length** : Length of the Song in terms of Distinct Words minus Stopwords

**Danceability** : Suitability a track is for dancing based on a combination of musical elements including tempo, rhythm stability, beat strength, and overall regularity. A value of 0 is least danceable and 1 is most danceable.

**Loudness** : Relative amplitude of the song (in DB) normalized to values between 0 and 1.

**Acousticness** : An estimate of how acoustic a particular song is. Songs with high 'acousticness’ will consist mostly of natural acoustic sounds (think acoustic guitar, piano, orchestra, the unprocessed human voice), while songs with a low 'acousticness’ will consists of mostly electric sounds (think electric guitars, synthesizers, drum machines, auto-tuned vocals and so on).

**Instrumentalness** : Predicts whether a track contains no vocals. “Ooh” and “aah” sounds are treated as instrumental in this context. Rap or spoken word tracks are clearly “vocal.” The closer the instrumentalness value is to 1 the greater likelihood the track contains no vocal content. Values above 0.5 are intended to represent instrumental tracks, but confidence is higher as the value approaches 1.

**Valence** : Describes the musical positiveness conveyed by a track. Tracks with high valence (closer to 1) sound more positive (e.g. happy, cheerful, euphoric), while tracks with low valence (closer to 0) sound more negative (e.g. sad, depressed, angry).

**Energy** : Energy is a measure from 0 to 1.and represents a perceptual measure of intensity and activity. Typically, energetic tracks feel fast, loud, and noisy.

**Topic** : Subject Emphasis on the track.

**Age** : Normalized Age of the Song using Min-Max Scaler (Values between 0 and 1)

**Length\_norm** : Normalized Length of Song (Originally in the Number of Distinct Words) using Min-Max Scaler to restrict values between 0 and 1.

**Age\_Actual** : Age Calculated using the Difference Between Release Date and 2019 (Since the Dataset is restricted to 2019).