Summary Write-up

Is valence the driving factor causing songs to be ranked high on the top 100 songs of 2018 playlist?

Based on our findings, valence is not the driving factor that determines a listener's overall opinion of a song. The two examples that we used, Ed Sherran “Shape of You” had the highest valence out of our 100 song dataset, however was ranked number 25 overall. The song “Nevermind” by Dennis Lloyd had the lowest valence value and was ranked number 33 overall.

Was there a correlation between any of the audio features?

One of the major correlated values to valence is danceability and energy, implying people in general will like songs that induce positive energy and emotion.

What was our conclusion after our exploration of data?

Valence does not determine whether a song is a hit or not. Most of the songs are pretty much in the same range with most of the musical attributes.