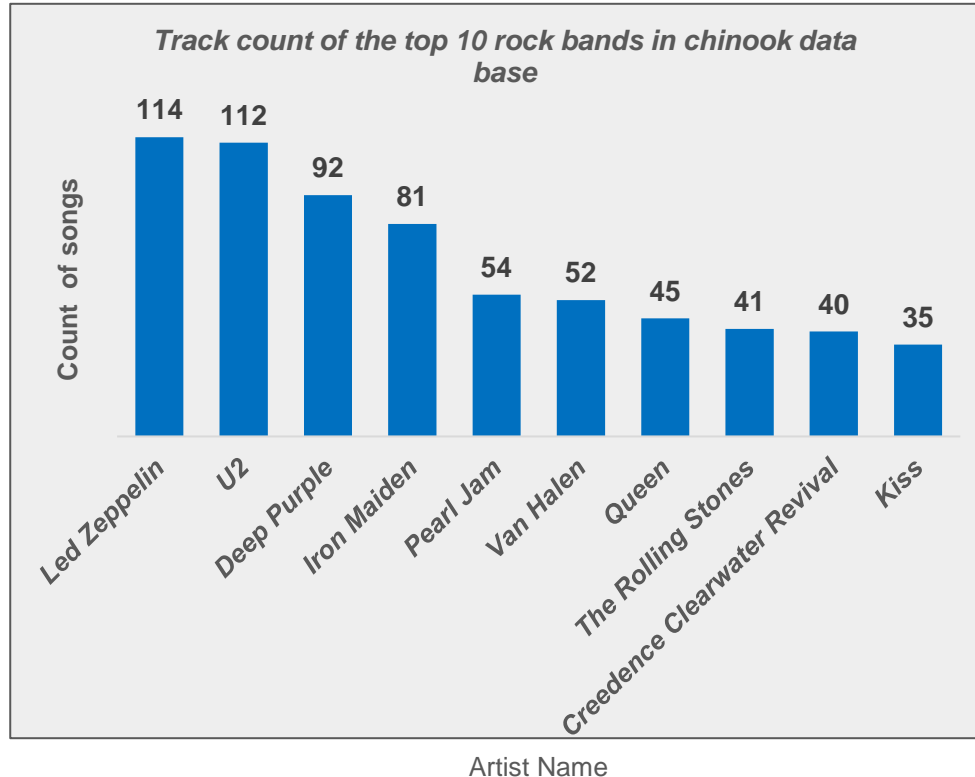


# Q1 -find the Artist name and total track count of the top 10 rock bands

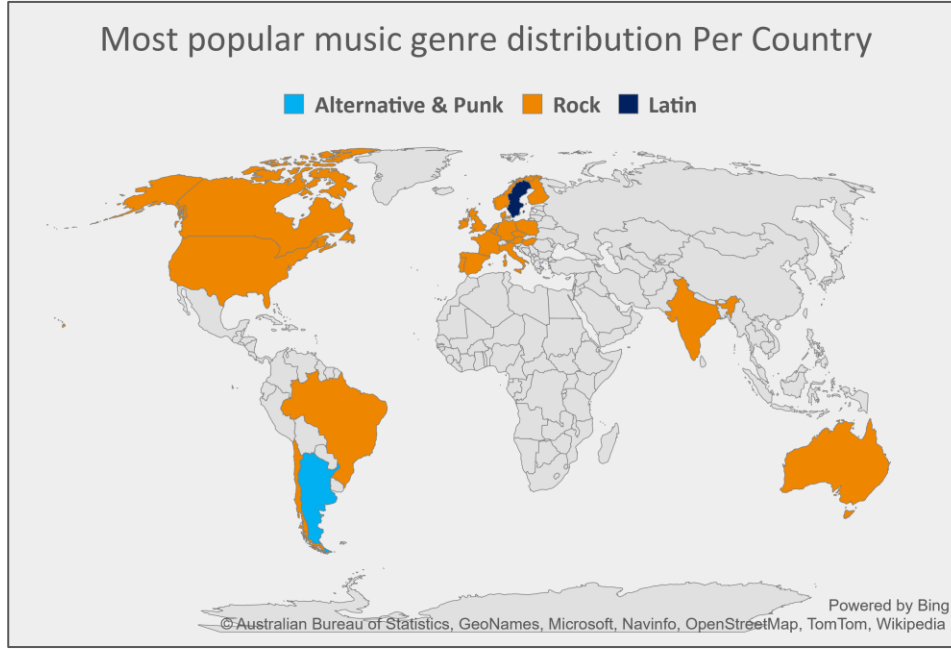


The Graph represent Track count of the top 10 rock bands in chinook data base

totals top ten tracks is 666 tracks, top Artist Lead Zeppelin represent from 17.1% from the top 10 tracks in the shop

followed by "U2" which represent 16.8 from the top 10 tracks in the shop,

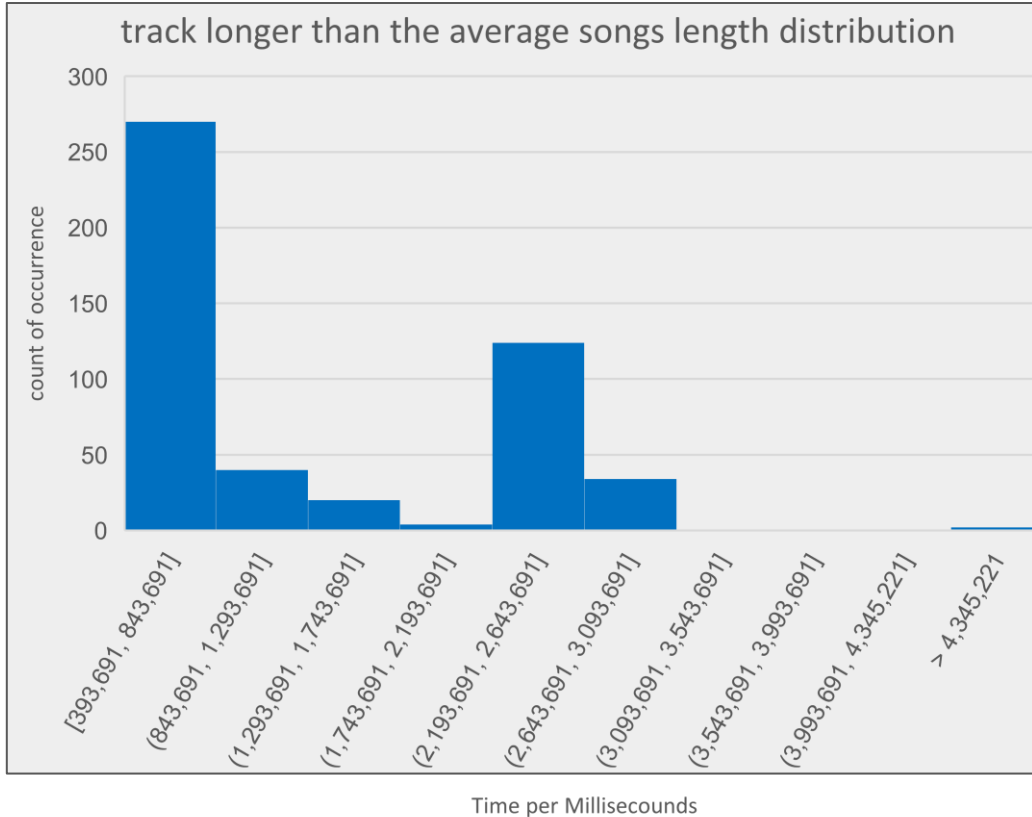
# Q2- the most popular music Genre for each country



The Graph represent the most Popular genre music distribution for each country according to the Chinook data base

And we can see the Rock music is the most Popular all over the world except for Argentina & Sweden

# Q3- tracks that have a song length longer than the average song length?

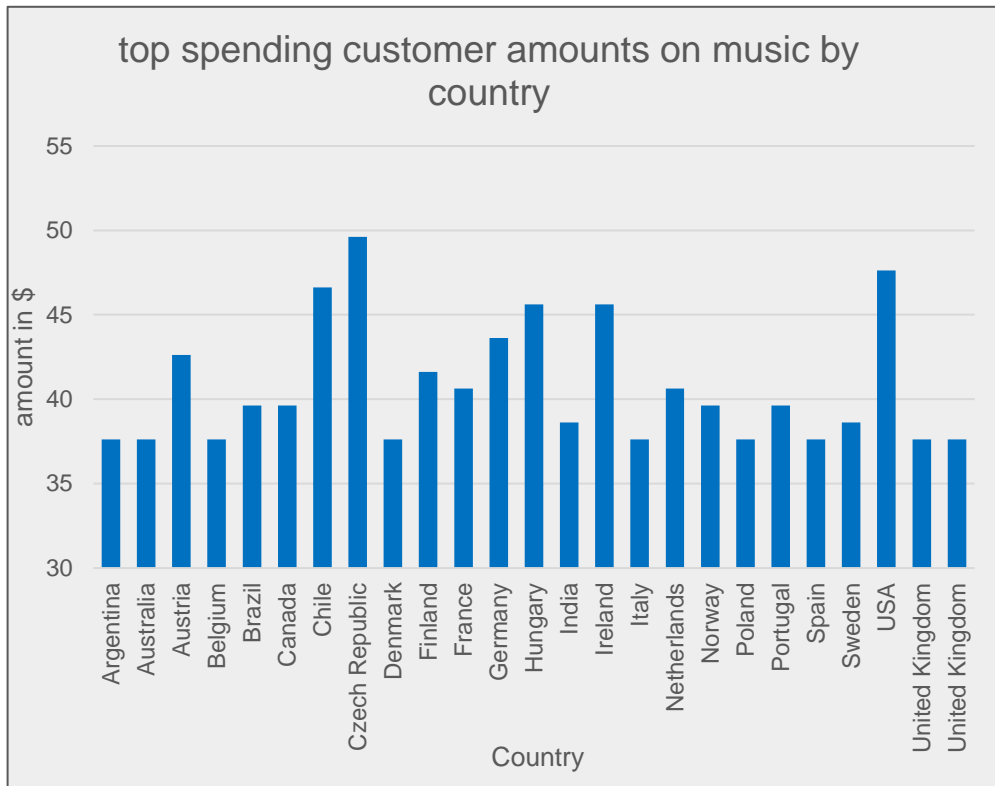


-The Graph show songs that longer than the Average songs length which is 393599. milliseconds.

-We can note that most songs are between (393691 & 843691) ms

- While outliers tracks are longer than 3093691 ms

## Q4- the customers that has spent the most on music for each country?



-The Graph show the top spending customer amounts per country

- We can see that top spending customer over all the countries from Czech Republic with 49.62\$
- the top customer shared in UK between 2 customers with 37.62\$