

Query to a Digital Music Store Database

This is a project I did for a [Business Analytics Nanodegree](#) in 2019.

In the development of this project I:

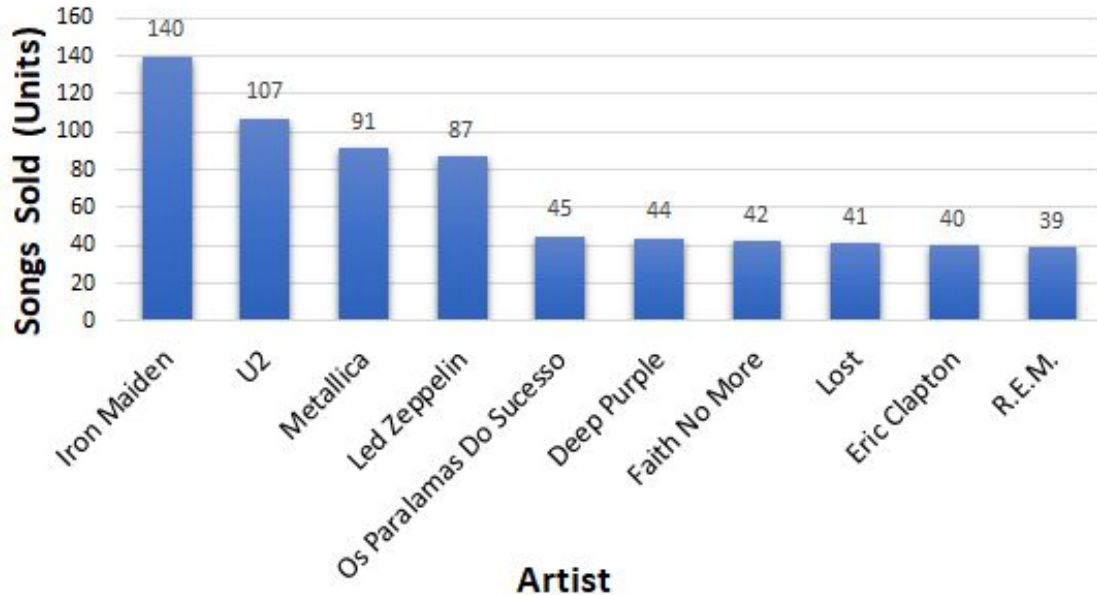
- Used SQL queries for exploratory analysis
- Used Excel to build data visualizations

To see the full project (SQL queries) visit the [Github repository](#).

Here are some of the **insights** I found as a part of the analysis...

Most popular Artists

Artists who have sold more songs



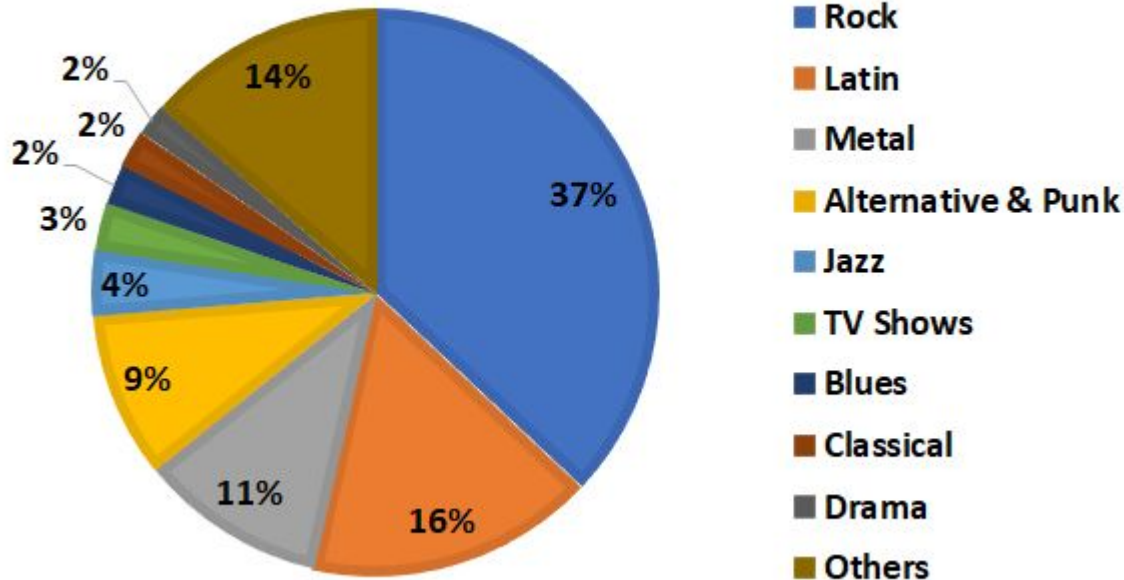
The graph shows the Top 10 of the artists who have sold the most songs.

It is observed that U2, Metallica and Led Zeppelin have a clear advantage over the rest of the artists, because they have twice of songs sold.

But clearly the superiority of Iron Maiden is seen who has more than three times as songs as the last 6 artists of the rank.

Distribution of Genres

GENRES OF THE TOTAL SONGS

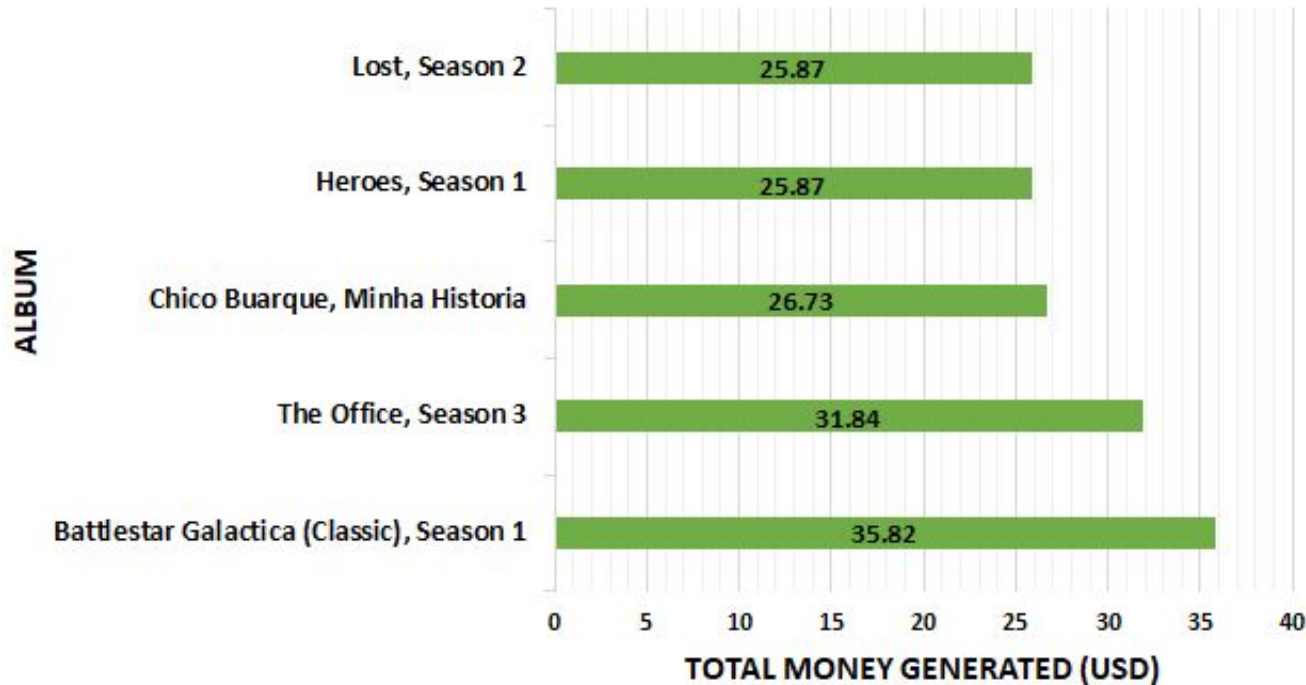


The pie chart shows how is the distribution of genres in the total songs.

Clearly Rock is the genre that predominates in all songs, and is far from being reached by another genre, since Latin genre who is the closest, has less than half of songs that rock.

Most successful Albums

Albums that have generated the most money

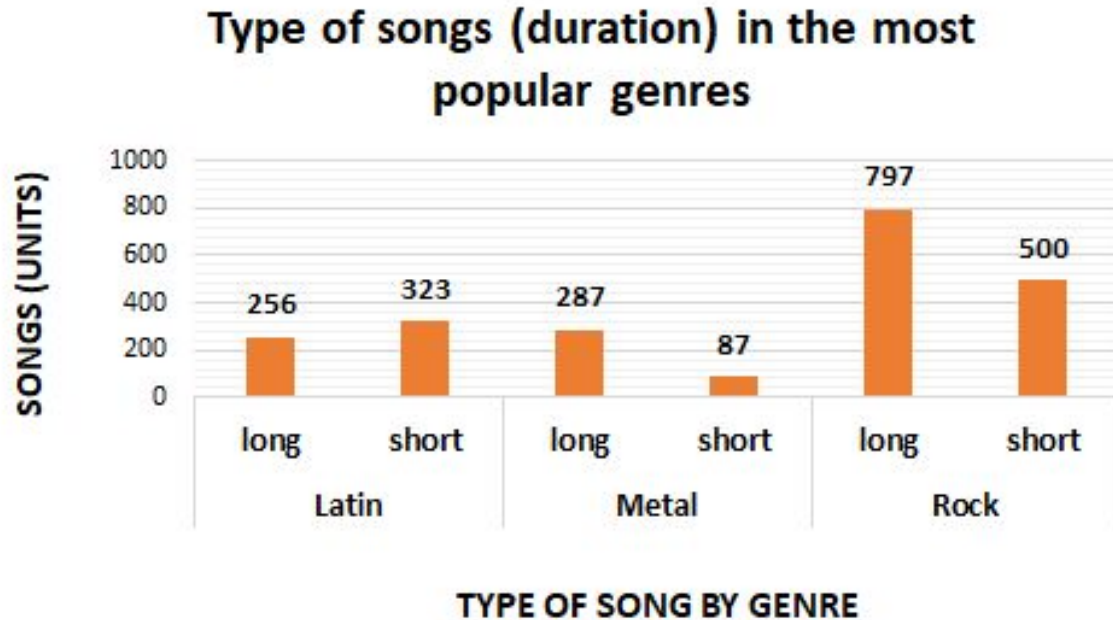


The graph shows the most successful albums, based on sales of their songs.

It is interesting to see that 4 of the 5 most successful albums do not belong to the most popular artists shown in the first graphic.

Only Lost that if belongs to the top 10 of artists, is present in this top of successful albums.

Songs duration in the most popular genres



Here we compare how is the duration of the songs in the 3 most popular genres; Rock, Latin and Metal.

We consider a long song, when it lasts more than 4 minutes, and short if it lasts less than 4 minutes.

It is interesting that while in Rock and Metal the long songs predominate, in Latin there are more short songs.