

Evaluating the performance of digital music store

- *How many numbers of albums in the store? For how many artists?*
- *And how many albums for each artist?*
- *How many numbers of songs for each artist? And what are the types of music?*
- *Which tracks that have the most playlist?*
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- On the other side which related to distribution of customers from each country and revenue:
 - *How many customers deal with the music store?*
 - *What is the distribution of customers along all countries?*
 - *How much of revenue generated from each country?*
 - *What is the most type of music for each country?*

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Number of Album for each Artist

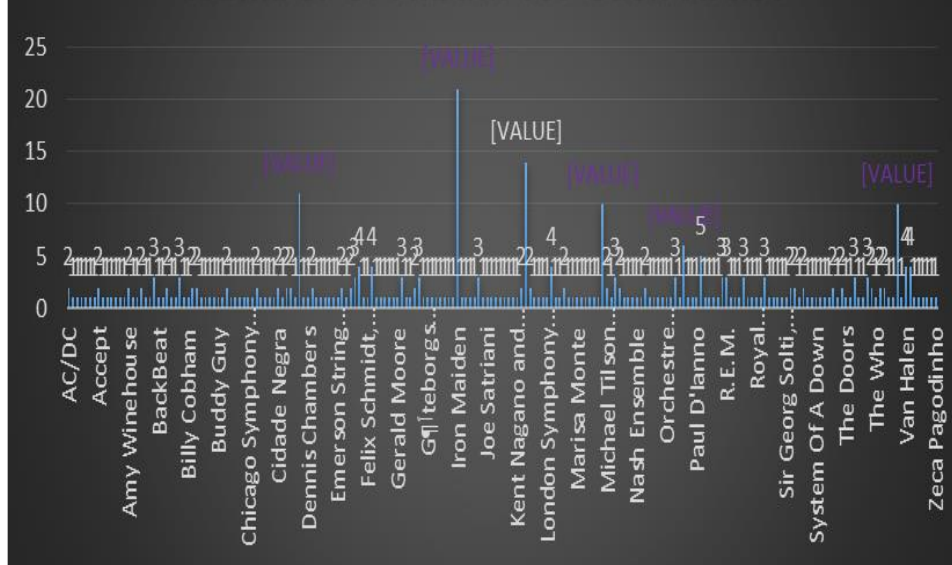


Figure 2 represent number of songs for each artist. The total number of songs 3503 songs that distributed among artists. In addition, the number of songs differ from artist to another based on number of albums. The artist who owned many albums also has a lot of songs. The details revealed that Iron Maiden has the highest number of songs 213 (6%), followed by U2 has 135 (4%) songs; Led Zeppelin has 114(3.3%) songs, Metallica 112(3.2%). This means that 25% of total songs owned to six artists only (appendix no.3).

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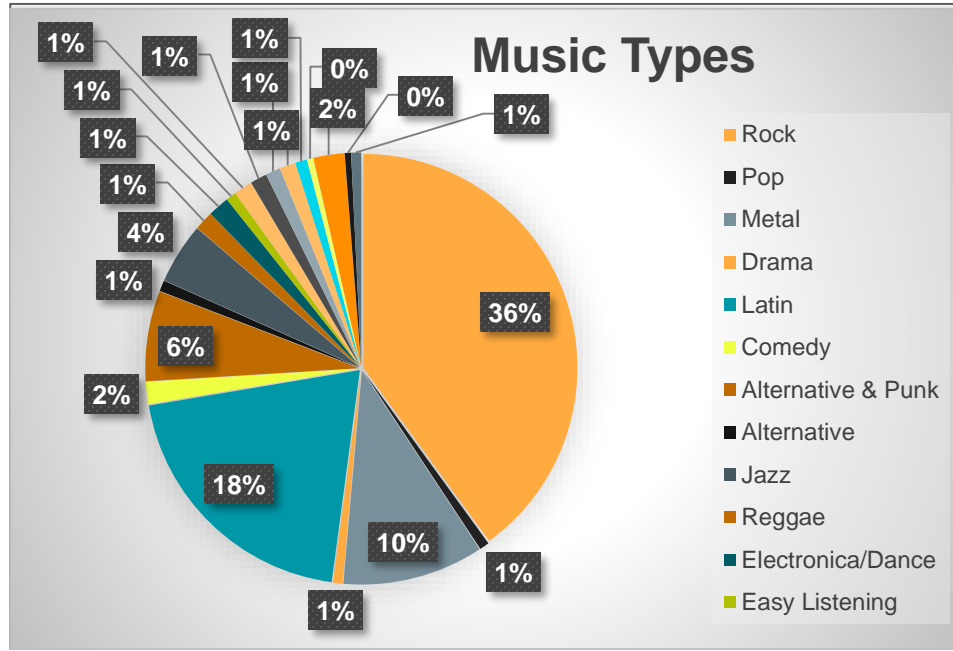
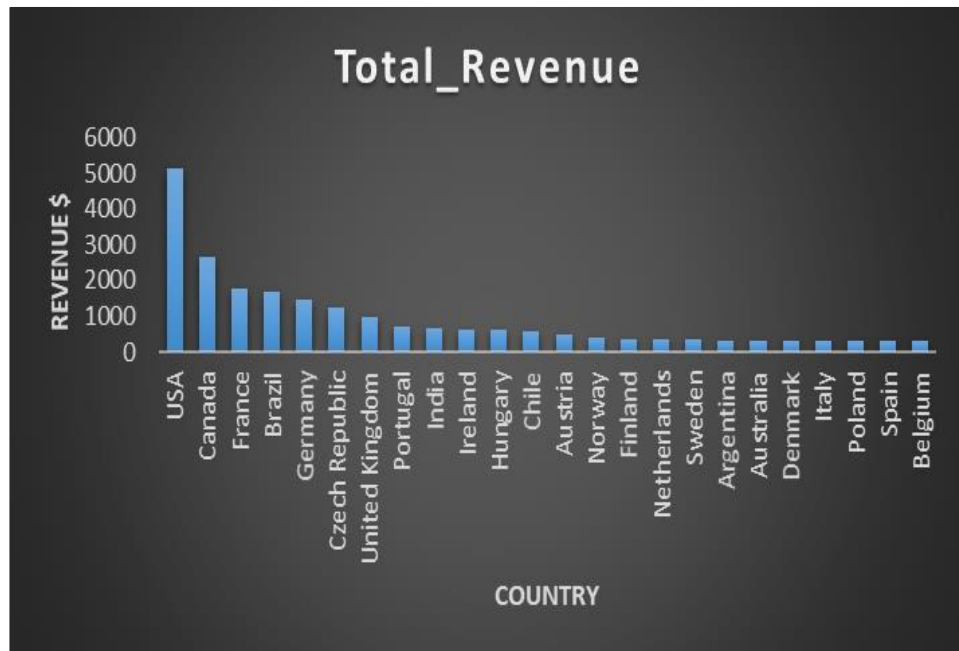


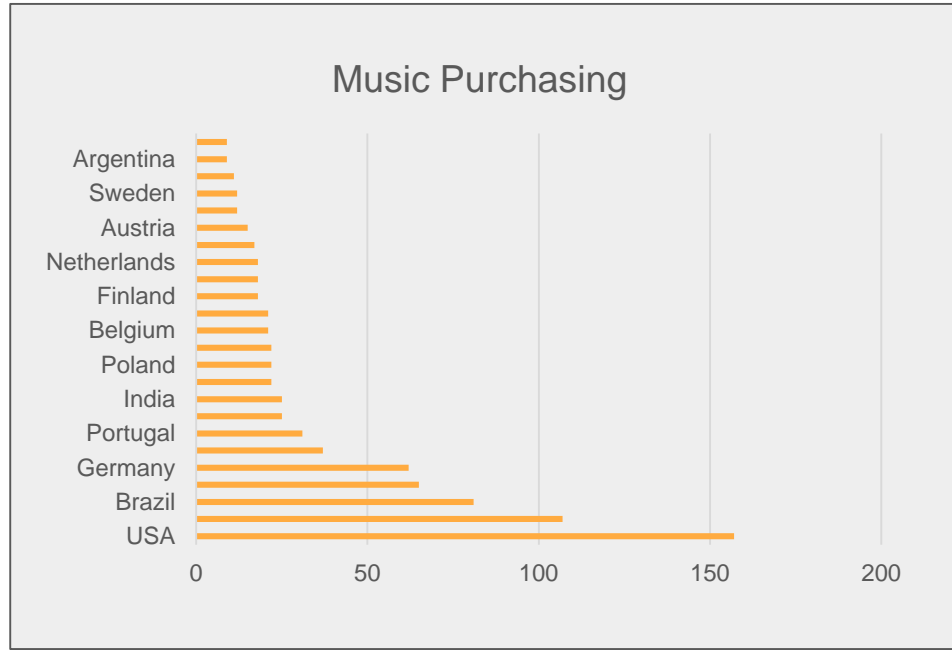
Figure 3 represent the distribution of music types in the digital store. the details revealed that there are many different music types that are playing and the most types are for rock songs 1261 (36%), 638 (18%) for latin songs, and 336 (10%) for metal songs, 215 for Alternative & Punk (6%). These types of music songs represent 70% from the total types.

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According to the calculation of the revenue of each country, it is also obvious that the distribution of revenue has the same frequency of number of customer and their invoices. The total amount of revenue is \$22416 and based on figure 7, most of revenue \$5128.2(23%) is from USA, followed by Canada \$2680.9(12%) then France by \$1768.3(8%) (appendix no.7).

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The most type of music that purchase from the digital store is rock and USA is the most country that purchase this type as it clear from the above graph (appendix no.8).