



# SQL Project

## Query a Digital Music Store Database

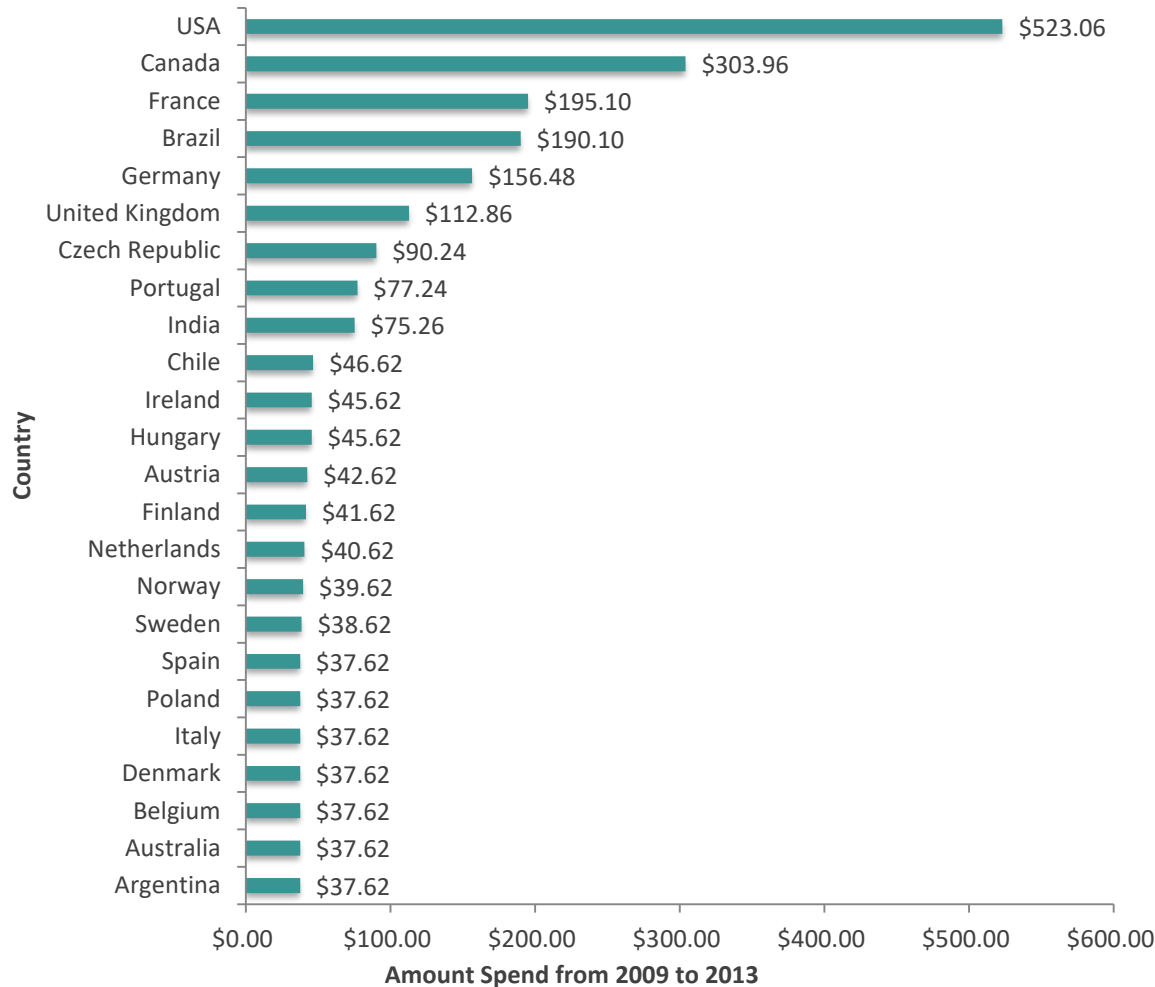


UDACITY

# Highest Spend By Country On The Digital Music Store



## Top Performing Country on Amount Spend (2009 - 2013)



Overall, we saw 24 countries generating sales, whose spend summed up to \$2,328.60. The top performer was the United States generating 22.46% of the overall spend, followed by Canada and France with 13.05% and 8.38%.

It is worth mentioning, that although, we saw spends coming in from 24 different countries, we can see that there are 7 countries on the last position with the exact same spend.

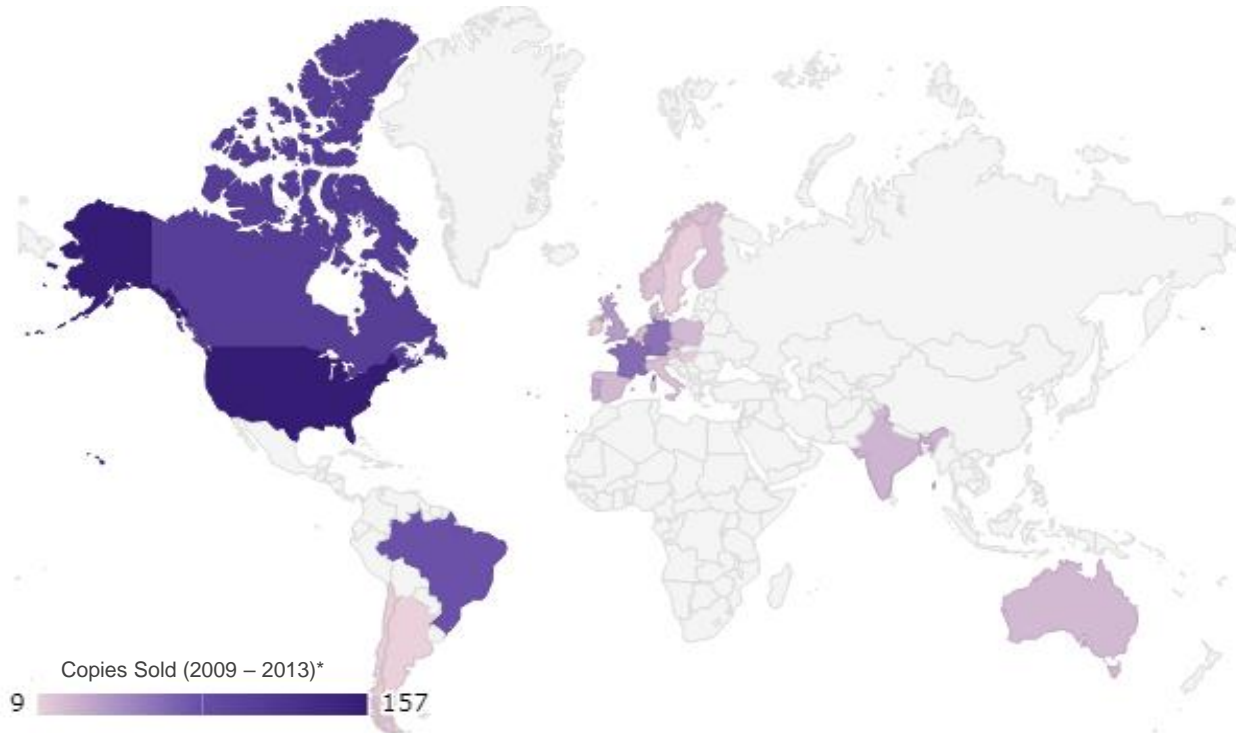
64.48% of the overall spend was generated from European countries, whereas the remaining 36.52% came in from Asia, Australia, North and South America.

# Copies of Rock Music Genre sold around the world



Copies of Rock Music Genre Sold Around The World

A/A	Country	Copies Sold
1	USA	157
2	Canada	107
3	Brazil	81
4	France	65
5	Germany	62
6	United Kingdom	37
7	Portugal	31
8	Czech Republic	25
9	India	25
10	Australia	22
11	Poland	22
12	Spain	22
13	Belgium	21
14	Denmark	21
15	Finland	18
16	Italy	18
17	Netherlands	18
18	Norway	17
19	Austria	15
20	Ireland	12
21	Hungary	11
22	Sweden	10
23	Argentina	9
24	Chile	9



According to the database, we can see that Rock music genre has sold copies across 24 countries. Best performing continent seems to be North America, as USA and Canada are in positions 1 and 2, respectively. More than 157 copies of Rock music have been sold in the US, whereas 107 copies have been ordered from Canada.

On the 3rd place we find Brazil 81 copies sold, followed by France with 65. On the last position we see 2 South-American countries with the same amount of copies sold over the period of 5 years (2009 - 2013). An interesting fact is although that top 3 best performing countries are from North and South America, the majority of copies sold came from Europe, as 51% of the copies sold, overall, were ordered from European countries. Asia and Australia, contributed by 2% each to the overall number of copies sold from 2009 to 2013.

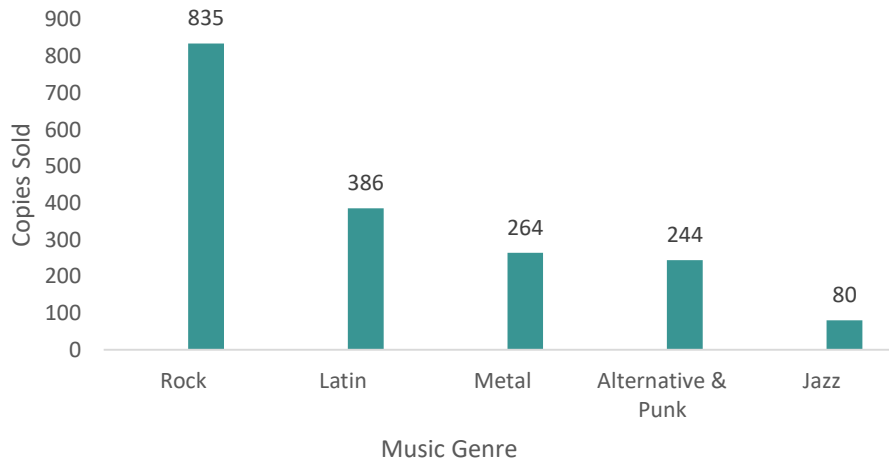
*\*Results are based on data taken from Chinook Database | Digital Music Store*

# Top 5 Best-Selling (Copies) Music Genres From 2009 To 2013

## No1 Music Genre's Sales (Copies) Over the Years



Top 5 Best-Selling Music Genres from 2009 - 2013



On the left chart, we can see the top 5 best selling music genres in the Chinook Music Store from 2009 to 2013, based on the total amount of copies sold these 5 years.

Rock has been the most popular genre over these 5 years, having sold 835 copies, which is an impressive 46% out of the copies sold for these Top 5 music genres. In the second place we find Latin music with 386 copies sold. The difference of 53.77%, between the first two places is remarkable.

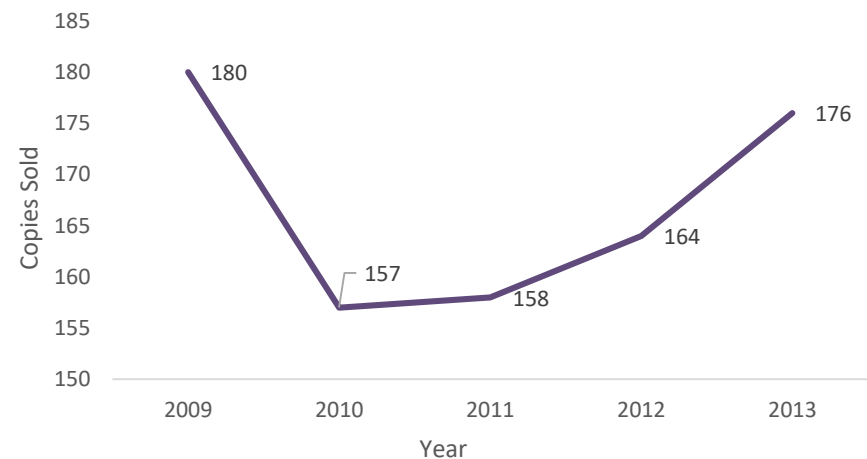
In places 4 and 5, we find Metal and Alternative & Punk, with 264 and 244 copies sold, respectively, whereas Jazz music sold 80 copies during this quinquennium.

Based on the results we got from the chart above, we want to identify which was the best year in terms of sales for the no.1 music genre.

In 2009 Rock music sold the highest amount of copies which reached 180, facing the following year a significant drop by 12.12% (from 180 to 157).

From 2011 onwards, we notice an uplift in copies sold as the number tends to increase with 2013 being close to the high levels of 2009.

No1 Music Genre's Sales (2009 - 2013)



# Best Performing Employee in Amounts Invoiced



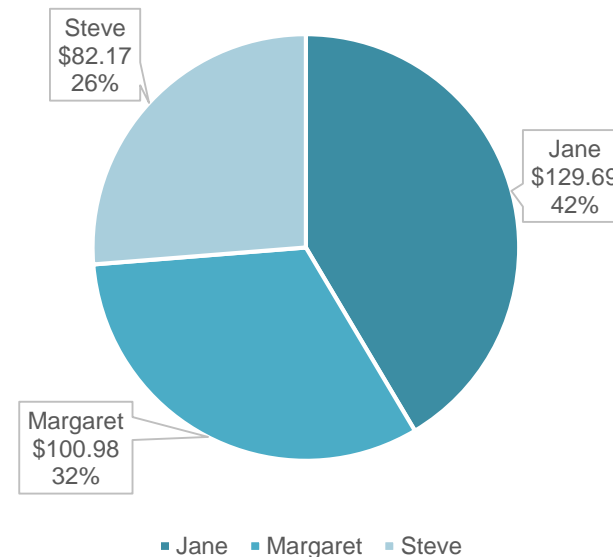
There are 3 Sales Reps. in the Digital Music store.

Overall, there have been \$312.84 billed over the last 5 years from orders brought in from all 3 team members of the sales team.

Jane has generated orders which summed up to \$129.69, followed by Margaret with \$100.98; this is a 42% share for Jane and a 32% share for Margaret. Steve's contributed to this by 26% as his clients purchased goods which were worth \$82.17.

The results above alongside the date that each employee joined the company make sense, as Jane was the first team member joining the team, followed by Margaret and later Steve who joined the company in October 2003; this is 1 year after Jane and 11 months after Margaret\*\*.

Total Amount Invoiced Per Employee



\*Results are based on data taken from Chinook Database | Digital Music Store

\*\*Hiring Dates: Jane: May 2002 - Margaret: April 2002 - Steve: May 2003