
SQL Project – Music Store Data Analysis

Question Set 1 – Easy

1. Senior-most employee

Identify the senior-most employee based on job title. Write a query that returns their name and job title.

2. Countries with most invoices

Determine which countries have the highest number of invoices. Return the country name and invoice count.

3. Top 3 invoice totals

Find the top 3 invoice totals across all customers. Return the customer name, invoice ID, and total amount.

4. City with highest revenue

We plan to host a promotional Music Festival in the city where we made the most money. Write a query that returns the city and the sum of all invoice totals.

5. Best customer

Identify the customer who spent the most money. Return the customer's name and total amount spent.

Question Set 2 – Moderate

1. Rock music listeners

Return the email, first name, last name, and genre of all customers who listen to Rock music. Order the results alphabetically by email starting with "A".

2. Top Rock artists

Find the artists who have written the most Rock music tracks. Return the artist name and total track count of the top 10 Rock artists.

3. Longest tracks

Return all tracks longer than the average song length. Include the track name and duration (in milliseconds). Order the results by length, with the longest tracks first.

Question Set 3 – Advanced

1. Customer spending by artist

Determine how much each customer spent on each artist. Return the customer name, artist name, and total spent.

2. Most popular genre by country

Find the most popular music genre for each country. The most popular genre is defined as the one with the highest total purchases. If multiple genres share the maximum, include all. Return the country and genre.

3. Top-spending customer by country

Identify the customer who has spent the most money in each country. Return the country, customer name, and total spent. Include all customers in case of ties.
