SQL PROJECT- MUSIC STORE DATA ANALYSIS

Question Set 1 – Easy

1. **Who holds the highest position based on their job title?**

2. **Which countries have the highest number of invoices?**

3. **What are the top three invoice totals?**

4. **Which city has the most valuable customers? We want to host a promotional music festival in the city where we earned the highest revenue. Write a query to return the city with the highest total invoice amount, including both the city name and the total sum of invoices.**

5. **Who is our top customer? The customer who has spent the most will be considered the top customer. Write a query to identify the customer with the highest spending.**

Question Set 2 – Moderate

1. **Write a query to retrieve the email, first name, last name, and genre of all listeners of Rock Music. Ensure the results are sorted alphabetically by email, starting with A.**

2. Let's identify the top artists who have contributed the most rock music in our dataset. Write a query that returns the artist's name along with the total number of tracks for the top 10 rock bands.

3. Write a query to retrieve all track names with a song length that exceeds the average song length. For each track, return its name and the length in milliseconds, and order the results by the longest song lengths first.

Question Set 3 – Advance

1. Write a query to calculate the total amount spent by each customer on artists. Return the customer's name, the artist's name, and the total amount spent.

2. We want to determine the most popular music genre in each country based on total purchases. The most popular genre is defined as the one with the highest total cost. Write a query that returns to each country and its most popular genre. If multiple genres share the highest purchase amount, return all such genres for that country.

3. Write a query to identify the customer who has spent the most on music in each country. The query should return to the country, the top customer, and the amount they spent. In cases where multiple customers have spent the same highest amount in a country, return all those customers.