

SQL - Music Store Analysis

Question Set 1

1. Who is the senior-most employee based on job title?
2. Which countries have the most invoices?
3. What are the top three total invoice values?
4. Which city has the best customers? We would like to host a promotional music festival in the city where we made the most money. Write a query that returns the city with the highest sum of invoice totals. Return both the city name and the total sum of invoices.
5. Who is the best customer? The customer who has spent the most money will be declared the best customer. Write a query that returns the person who has spent the most money.

Question Set 2

1. Write a query to return the email, first name, last name, and genre of all rock music listeners. Return the list ordered alphabetically by email, starting with 'A'.
2. Let's invite the artists who have written the most rock music in our dataset. Write a query that returns the artist's name and the total track count of the top 10 rock bands.
3. Return all track names that have a song length longer than the average song length. Return the track name and duration in milliseconds. Order the results by song length, with the longest songs listed first.

Question Set 3

1. How much has each customer spent on artists? Write a query to return the customer name, artist name, and total amount spent.
2. We want to determine the most popular music genre in each country. The most popular genre is defined as the one with the highest number of purchases. Write a query that returns each country along with its top genre. If multiple genres share the highest number of purchases, return all of them.
3. Write a query to identify the customer who has spent the most on music in each country. Return the country, the top-spending customer, and the total amount spent. If multiple customers have spent the same highest amount in a country, return all of them.