

## **SQL Project: Music Store Data Analysis**

### **Question Set 1 - Easy**

1. **Who is the senior-most employee based on job title?**
2. **Which countries have the most invoices?**
3. **What are the top 3 values of total invoice?**
4. **Which city has the best customers?**

We would like to throw a promotional Music Festival in the city where we made the most money. Write a query that returns one city that has the highest sum of invoice totals. Return both the city name & sum of all invoice totals.

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.

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### **Question Set 2 - Moderate**

1. **Return the email, first name, last name, & Genre of all Rock Music listeners.**  
Return the list ordered alphabetically by email starting with 'A'.
  2. **Invite the artists who have written the most Rock music.**  
Write a query that returns the artist name and total track count of the top 10 rock bands.
  3. **Return all the track names that have a song length longer than the average song length.**  
Return the name and milliseconds for each track, ordered by song length (with the longest songs listed first).
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### **Question Set 3 - Advanced**

1. **Find how much each customer spent on artists.**  
Write a query to return customer name, artist name, and total amount spent.
2. **Find the most popular music genre for 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 the top genre. For countries where the maximum number of purchases is tied, return all genres.
3. **Determine the customer who has spent the most on music for each country.**  
Write a query that returns the country along with the top customer and the amount they spent. For countries where the top amount spent is tied, return all customers who spent this amount.