

# MUSIC STORE DATA ANALYSIS

## QUESTION SET 1 (EASY)

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1. Who is the most senior employee based on job title?
2. Which countries have the highest number of invoices?
3. What are the top 3 invoice totals?
4. Which city has generated the highest revenue?  
*We're planning to host a promotional music festival in the city where we've made the most money. Write a query to return the city name along with the total invoice amount, for the city with the highest invoice total.*
5. Who is our best customer based on total spend?  
The customer who has spent the most is our best customer.  
*Write a query to return the name of the customer along with their total spend.*

## QUESTION SET 2 (MODERATE)

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1. Write a query to return the email, first name, last name, and genre of all Rock music listeners. Order the results alphabetically by email, starting with A.
2. We plan on inviting the artists who have written the most Rock music in our dataset. So, write a query that returns the artist name and the total number of Rock tracks for the top 10 artists.
3. Return all track names that are longer than the average song length.  
Write a query to return the track name and duration in milliseconds. Order the results by song length in descending order, with the longest songs listed first.

## QUESTION SET 3 (ADVANCED)

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1. Find the total amount spent by each customer on artists.  
Write a query that returns the customer name, artist name, and the total amount spent by each customer on each artist.
2. Identify the most popular music genre for each country.  
The most popular genre is determined by the genre with the highest total purchase amount. Write a query that returns each country along with the top genre. For countries where multiple genres share the highest purchase amount, return all such genres.
3. Find the customer who has spent the most on music in each country.  
Write a query that returns the country, top customer, and the amount they spent. For countries where multiple customers share the highest spend, return all such customers.