# Business Questions for Music Store 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 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 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   
--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 - Moderate

--1. Write a query to return the email, first name, last name, & Genre of all Rock Music   
-- 2. Let's invite the artists who have written the most rock music in our dataset. 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. Order by the song length with the   
--longest songs listed first  
--4. Find Customers Who Purchased More Than 10 Tracks  
--Write a query to find the email, first name, last name, and total number of tracks purchased   
--by customers who have bought more than 10 tracks. Sort the result by the total number of tracks   
--purchased in descending order.  
--5. List All Albums with Tracks in Multiple Genres  
--Write a query to return the album title and the number of unique genres in which its tracks   
--appear. Return only albums with tracks in more than one genre. Sort the result by the number   
--of genres in descending order.  
--6. Top 5 Cities by Unique Customers  
--Write a query to find the top 5 cities with the highest number of unique customers. Return the   
--city name and the count of unique customers in descending order.

## Question Set 3 - Difficult

--1. Find how much amount spent by each customer on artists? Write a query to return  
--customer name, artist name and total spent  
--2. We want to find out the most popular music Genre for each country. We determine the   
--most popular genre as the genre with the highest amount of purchases. Write a query   
--that returns each country along with the top Genre. For countries where the maximum   
--number of purchases is shared return all Genres  
--3. Write a query that determines the customer that has spent the most on music for each   
--country. Write a query that returns the country along with the top customer and how  
--much they spent. For countries where the top amount spent is shared, provide all   
--customers who spent this amount  
--4. Revenue Contribution by Media Type for Each Genre  
--Write a query to return the genre name, media type name, and total revenue generated for each   
--combination. Sort the results by revenue in descending order.  
--5. Customer Spending on Top 3 Genres  
--Write a query to return the customer ID, first name, last name, and total amount spent for each   
--of the top 3 most popular genres. Sort the result by the genre and spending in descending order.  
--6. Tracks That Appear in the Most Playlists  
--Write a query to find the names of tracks that appear in the most playlists. Return the track   
--name and the total number of playlists in which it appears. Sort the result by the number of   
--playlists in descending order and limit the result to the top 10 tracks.