Music Store Analysis - SQL Questions

Basics

1. **Who is the highest-ranking employee?**
   - Identify the senior-most employee based on job title.
2. **Which countries generate the most invoices?**
   - Find the countries with the highest number of invoice transactions.
3. **What are the top 3 highest invoice amounts?**
   - Retrieve the top three invoice totals from the dataset.
4. **Which city has the highest-paying customers?**
   - Identify the city with the highest total invoice amount. Return both the city name and the total revenue generated.
5. **Who is the most valuable customer?**
   - Find the customer who has spent the most money in the store.

Intermediate

1. **Find all Rock Music listeners.**
   - Retrieve the email, first name, last name, and music genre of customers who listen to Rock music. Sort the list alphabetically by email.
2. **Identify the top 10 Rock music artists.**
   - Find the artists with the most Rock tracks in the database and list the top 10 based on the number of songs.
3. **Find songs longer than the average track length.**
   - Retrieve all track names that have a duration longer than the dataset's average song length. Display track name and duration, sorted from longest to shortest.

Advanced

1. **How much has each customer spent on different artists?**
   - Calculate the total amount spent by each customer on various artists and return the customer name, artist name, and total spent.
2. **What is the most popular music genre in each country?**
   - Determine the top-selling music genre in each country based on the number of purchases. If multiple genres have the same highest purchase count, include all.
3. **Who are the top spenders in each country?**
   - Identify the customer who has spent the most money in each country. If multiple customers have the same highest spending, return all of them along with the amount spent.