

SQL Project- Music Store Data Analysis

Question set 1 – easy

- Who is the senior most employee base on job title?
 - Which countries have the most invoices?
 - 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 the one city that has the highest sum of invoice totals. Return both the city name and the sum of all invoice totals.
 - 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.
 - Write a query to return the number of tracks in each genre.
 - Write a query to find all employees who do not report to anyone.
 - Write a query to find the names of all albums released by a particular artist, e.g., 'queen'.
 - Write a query to find the first and last names of all employees who are it staff.
 - Write a query to find the total number of albums for each artist.
 - Write a query to list the names, position and birthday date of all employees who have a birthday in the current month.
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Question set 2 – moderate

- Write a query to find the number of invoices issued in each month of a specific year, e.g., 2020.
 - Write a query to list the names and total purchase amounts of customers who have spent more than \$100.
 - Find the total revenue generated from each media type.
 - Identify the top 5 best-selling albums by revenue.
 - Find the average track length for each genre.
 - List the customers who purchased tracks from more than ten genre.
 - Identify the customers who made purchases in every playlist.
 - Calculate the total revenue generated for each playlist.
 - Find the tracks that are included in both the "music" and "90's music" playlists.
 - Find the total number of invoices issued each month in the year 2019.
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Question set 3 – advance

- List the customers who have spent more than the average total purchase amount. Calculate the average total purchase amount across all customers. Identify customers whose total spending exceeds this average. Return these customers' details, including their names and total purchase amounts.
 - Find how much amount spent by each customer on artists? Write a query to return customer name, artist name and total spent.
 - 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 number 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.
 - 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.
 - List the customers who have purchased more tracks than the average number of tracks per invoice.
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