















Zaqi khan





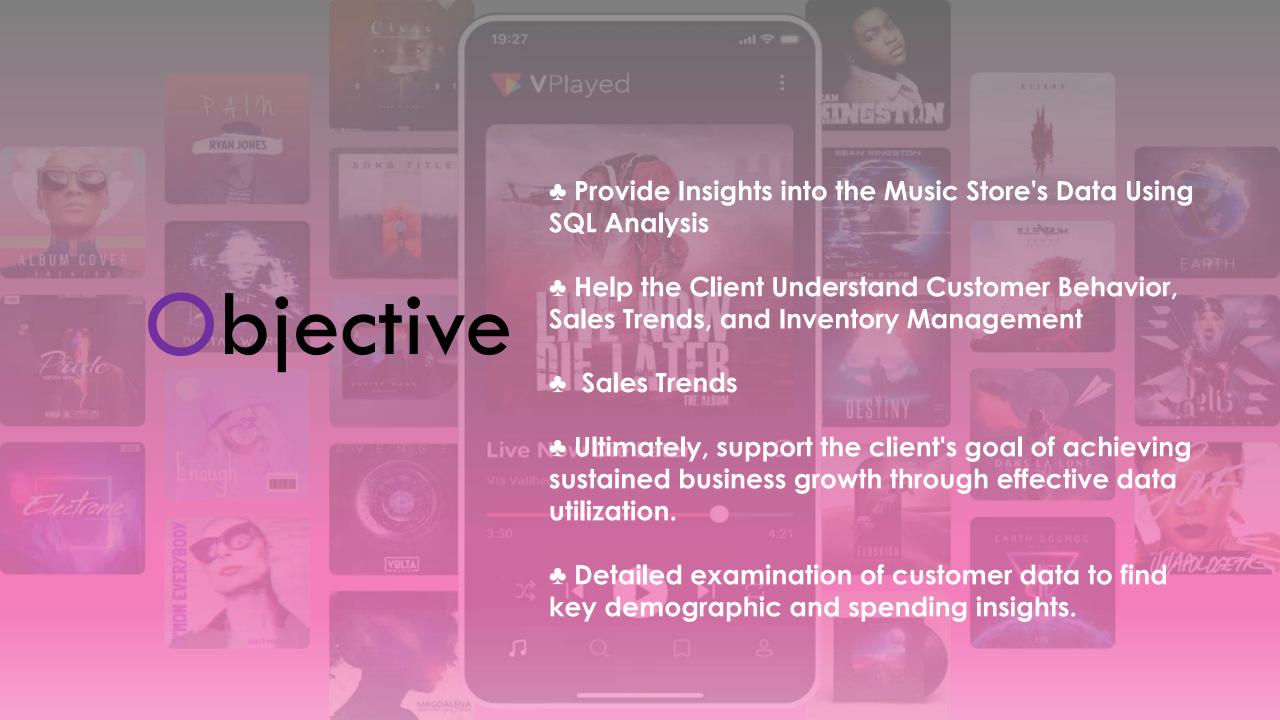












Questions

VPlayed

- Who is the senior most employee based on job title?
- Which countries have the most Invoices?
- What are top 3 values of total invoice?
- 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 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.

Questions

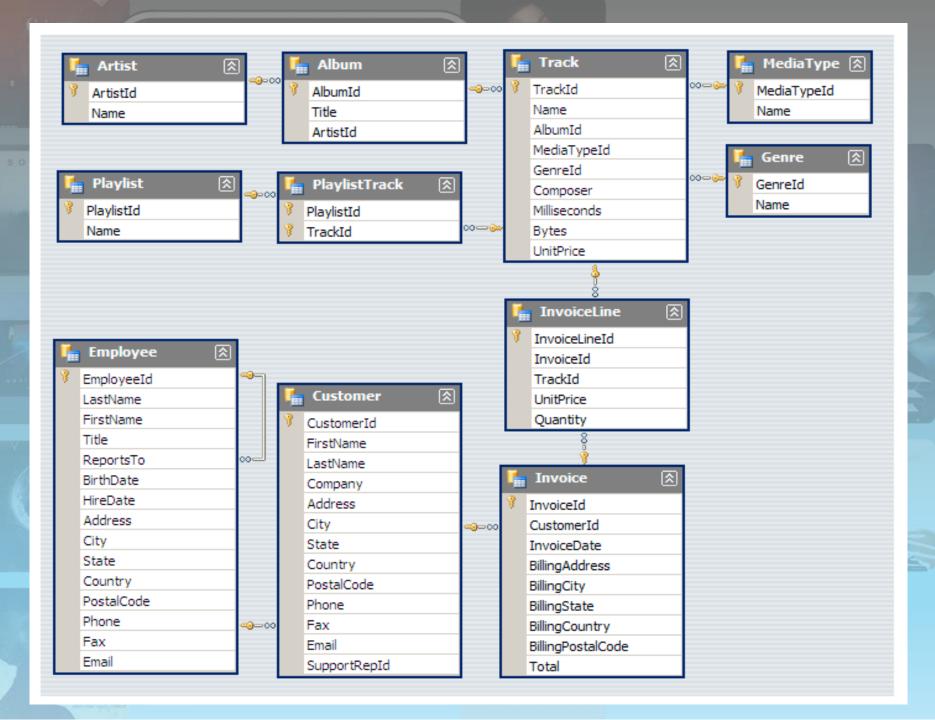
VPlayed

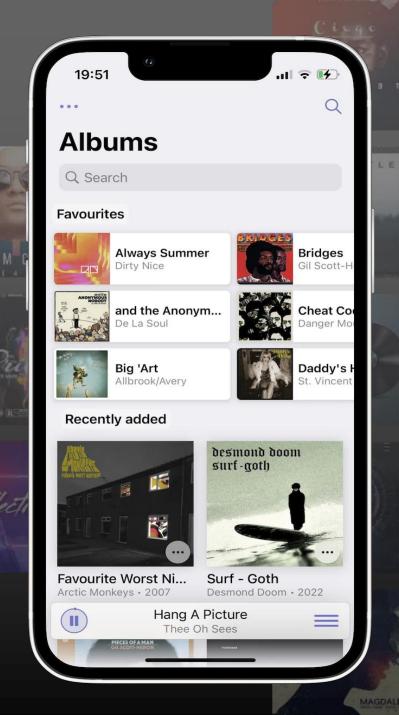
- Write query to return the email, first name, last name, & Genre of all Rock Music listeners. Return your list ordered alphabetically by email starting with A.
- Let's invite the artists who have written the most rock music in our dataset. Write a query that returns the Artist name and total track count of the top 10 rock bands.
- 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.
- Find how much amount spent by each customer on artists? Write a query to return customer name, artist name and total spent.



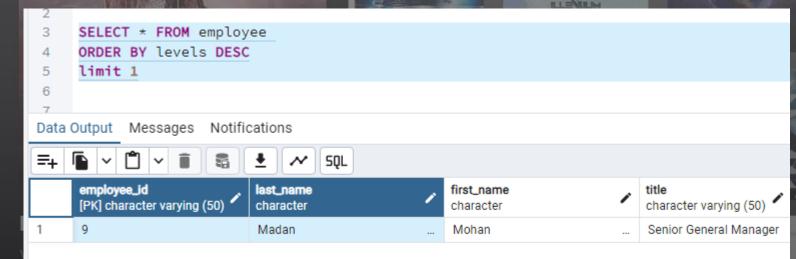
- We want to find out the most popular music Genre for each country. We determine the most popular genre as the genre with the highest amount of purchases. Write a query that returns each country along with the top Genre. For countries where the maximum number of purchases is shared return all Genres.
- 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.

Schema tables

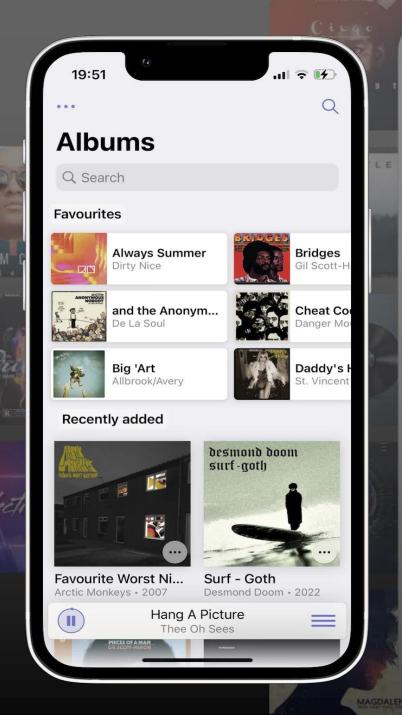


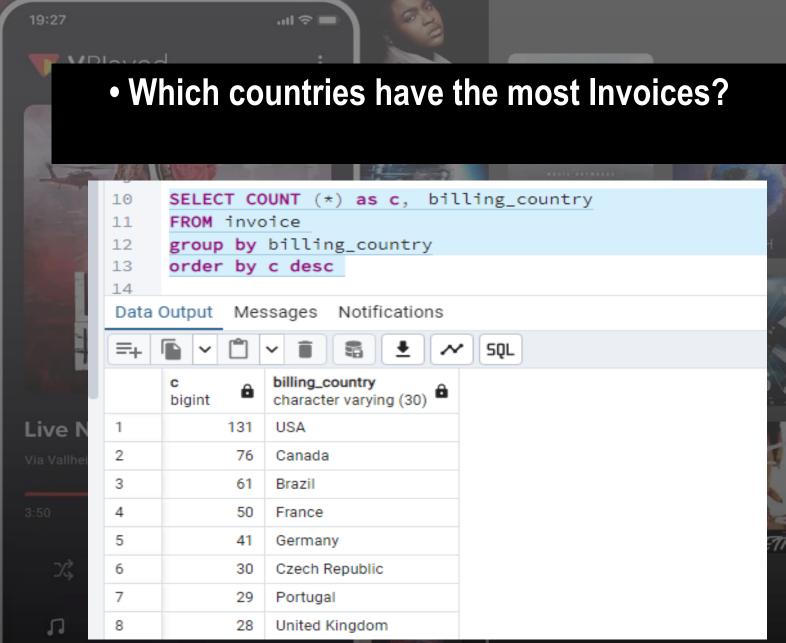


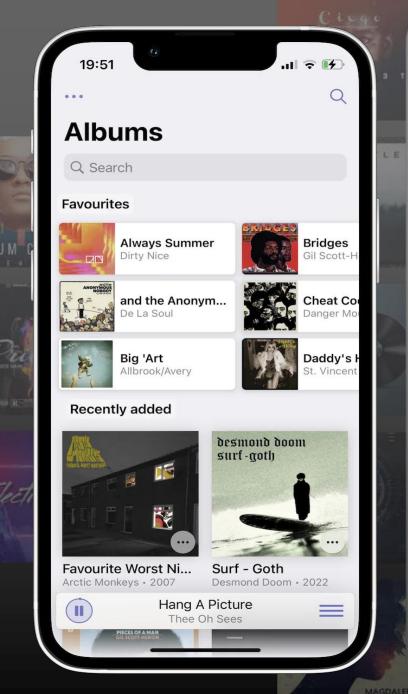
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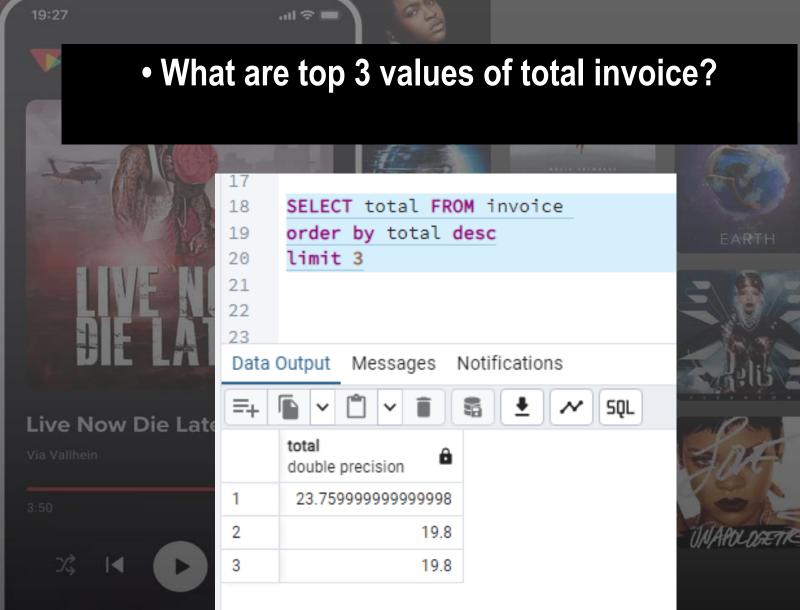


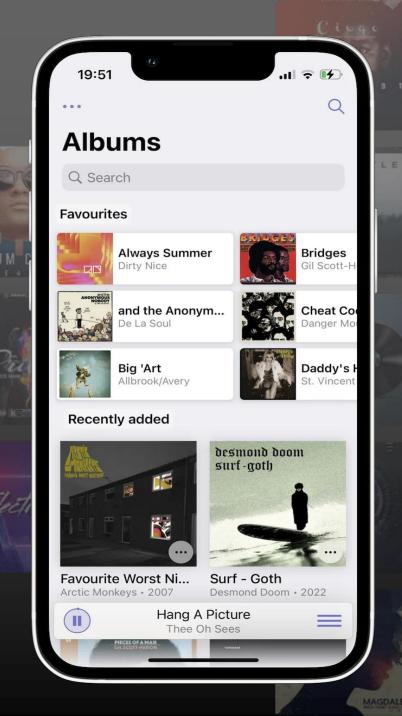




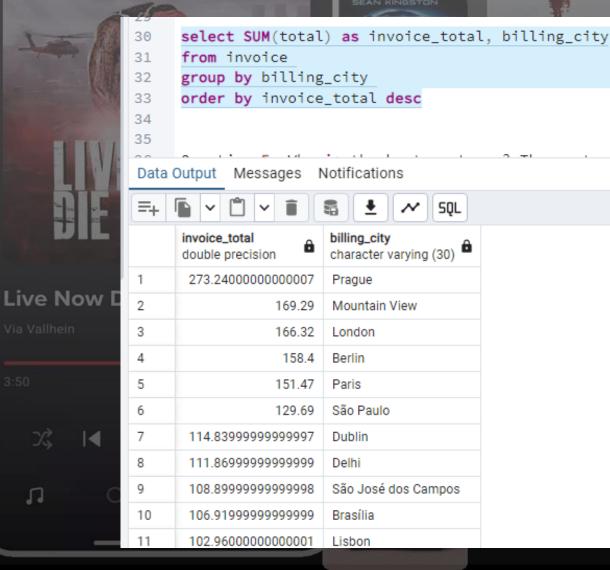


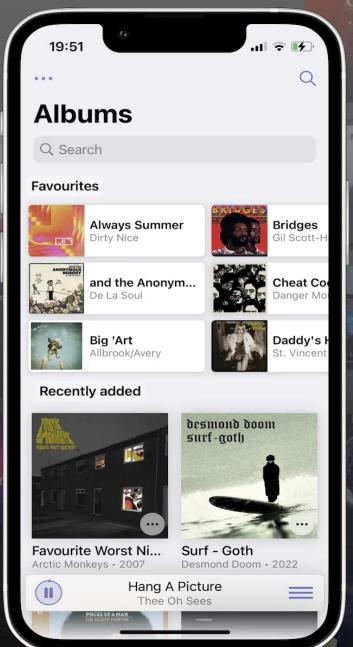




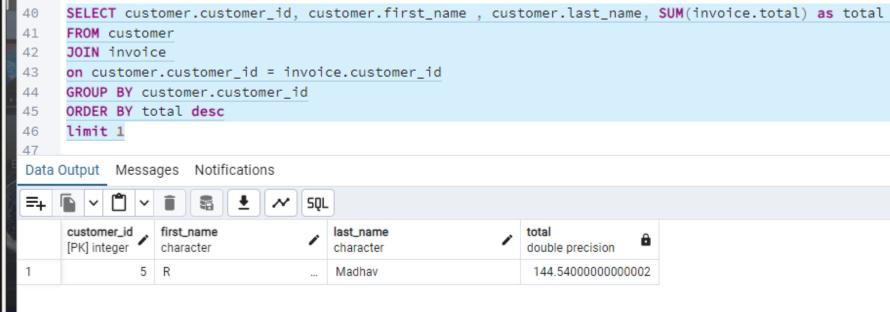


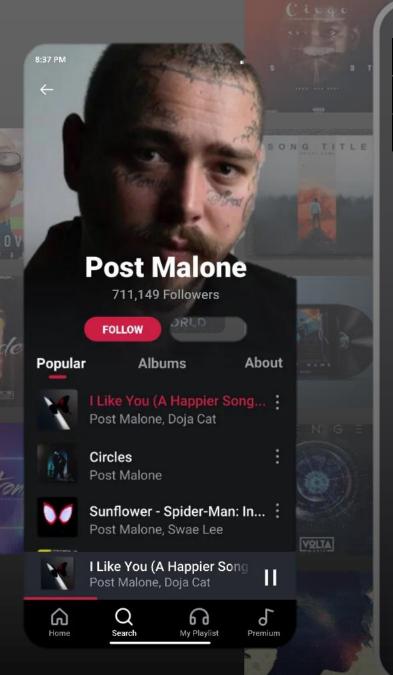
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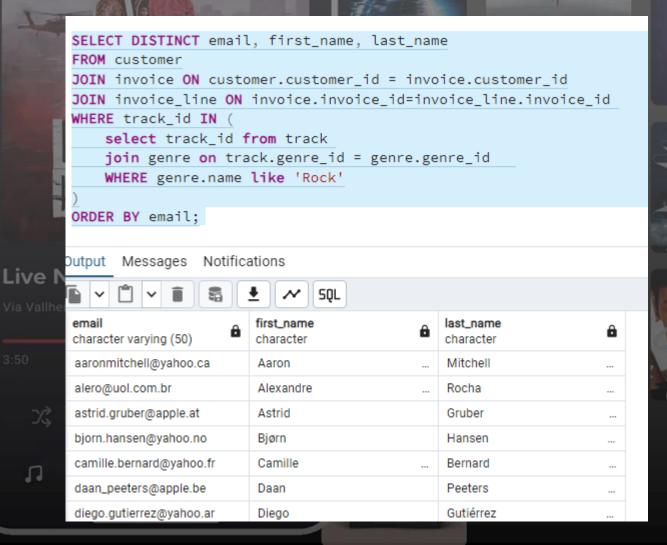


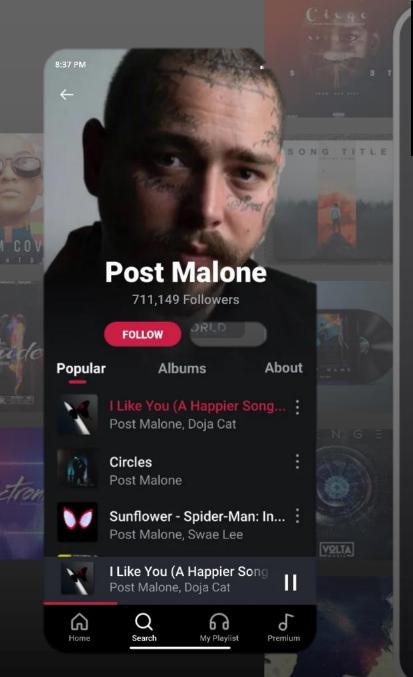
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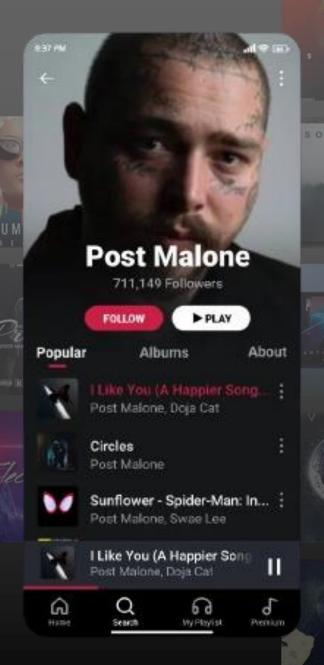
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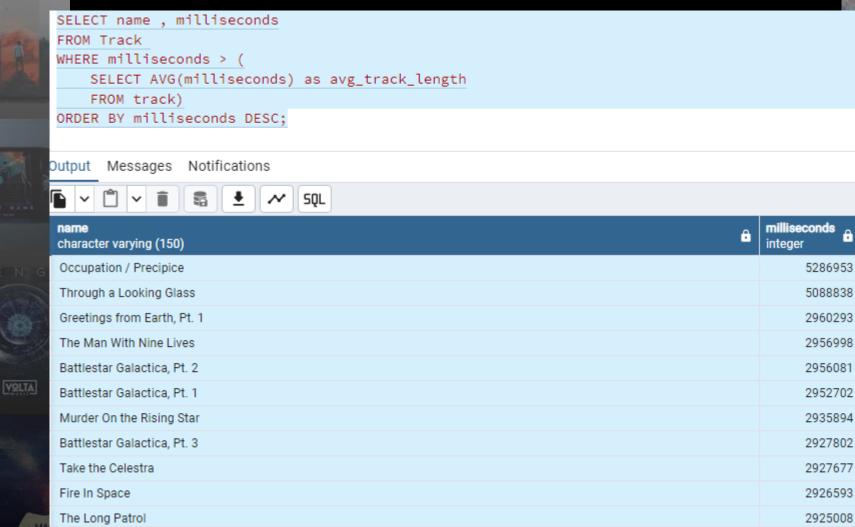


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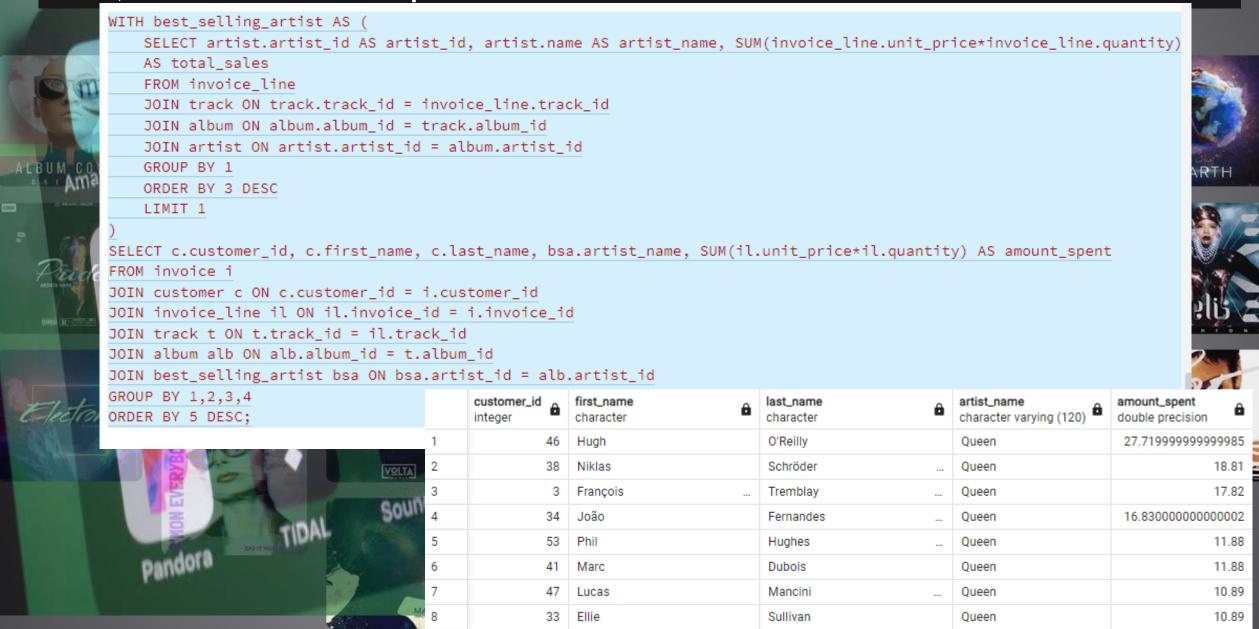
73	SELECT artist.artist_id, artist.name, COUNT(artist.artist_id) AS number_of_songs			
74	FROM track			
75	JOIN album ON album.album_id = track.album_id			
76	JOIN artist ON artist.artist_id = album.artist_id			
77	JOIN genre ON genre.genre_id = track.genre_id			
78	WHERE genre.name like 'Rock'			
79	group by artist.artist_id			
80	ORDER BY number_of_songs DESC			
81	limit 10;			
Data Output Messages Notifications				
= +	□ ∨ □ ∨ □ □ □ □ □ □ □ □ □ □			
	artist_id [PK] character varying (50)	name character varying (120)	number_of_songs bigint	
1	22	Led Zeppelin	114	
2	150	U2	112	
3	58	Deep Purple	92	
4	90	Iron Maiden	81	
5	118	Pearl Jam	54	
6	152	Van Halen	52	
7	51	Queen	45	
8	142	The Rolling Stones	41	
9	76	Creedence Clearwater Revival	40	
10	52	Kies	35	



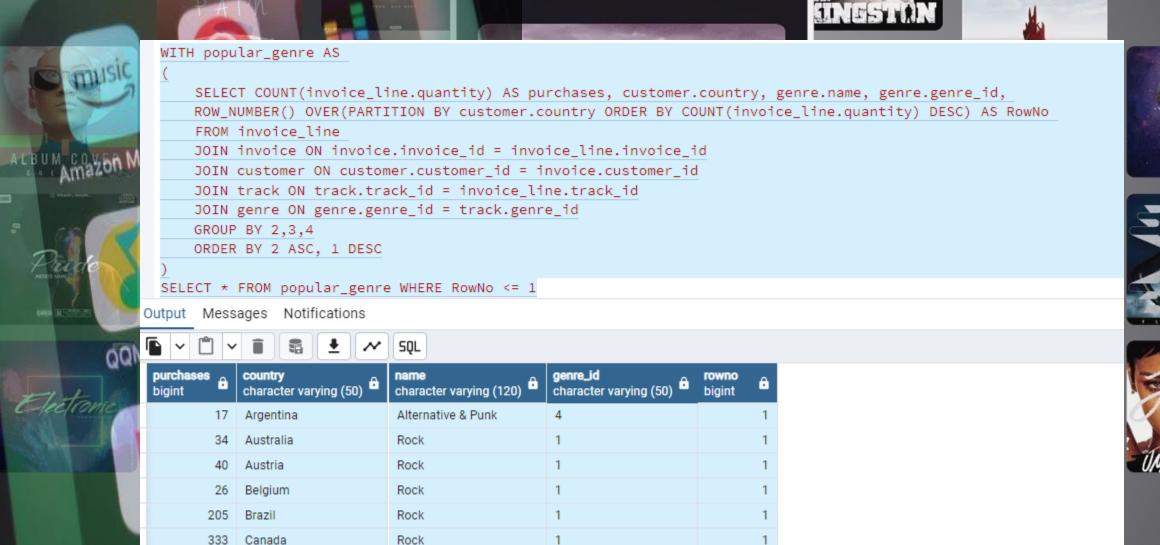
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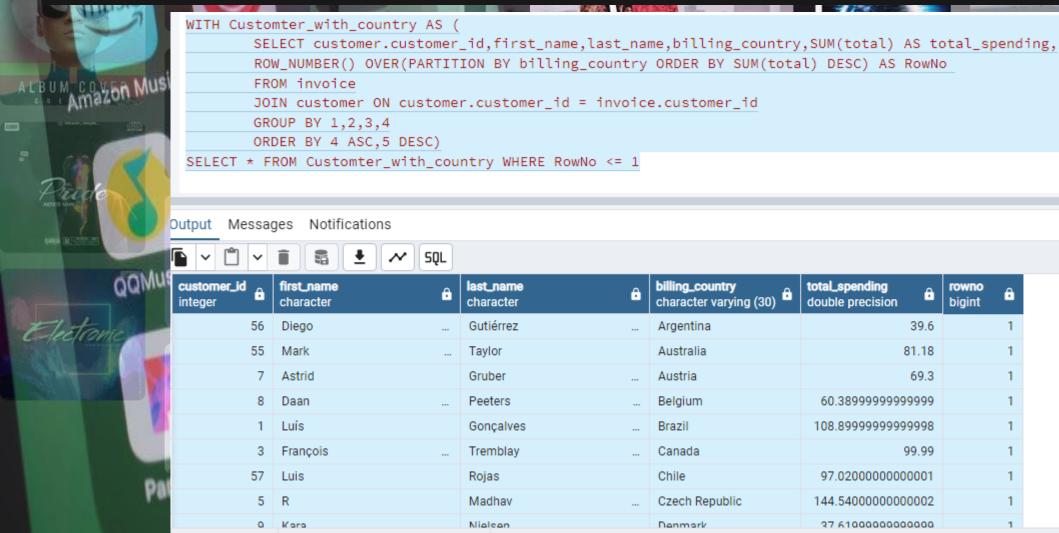








• Write a query that determines the customer that has spent the most on music for each country. Write a query that returns the country along with the top customer and how much they spent. For countries where the top amount spent is shared, provide all customers who spent this amount.









INSIGHTS





























Live No

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- Customer Spending on Artists
- Popular Music Genres by Country
- Top Spending Customers by Country
- Rock Music Listeners
- Top Rock Bands
- City with Best Customers and Best Customer
- Countries with Most Invoices

