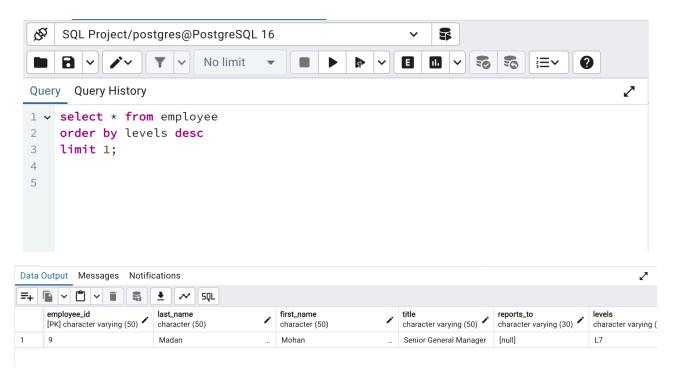
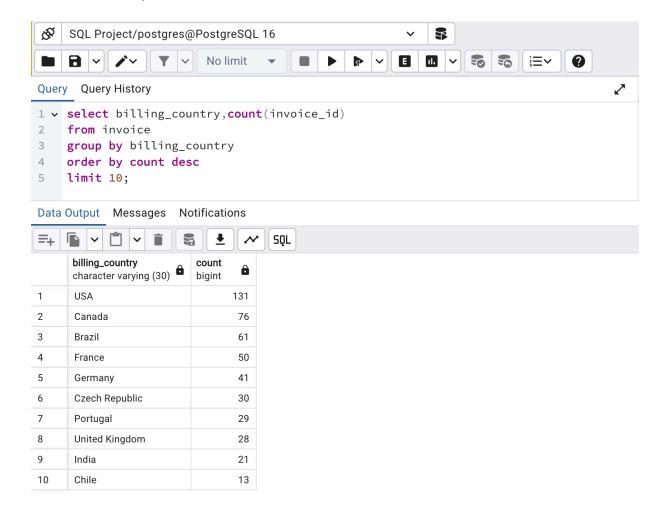
Music Store Data Analysis Using SQL

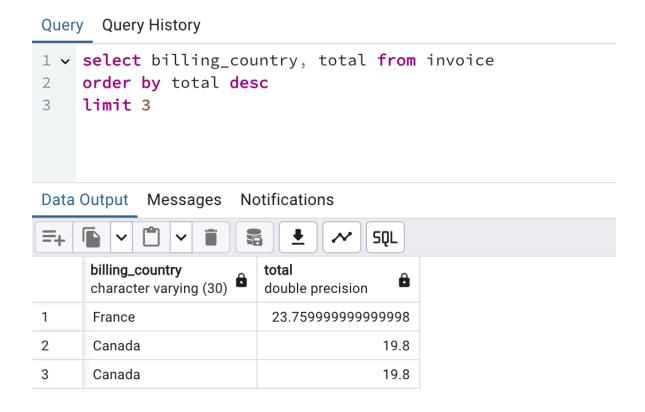
Query-1: Who is the senior most employee based on job title?



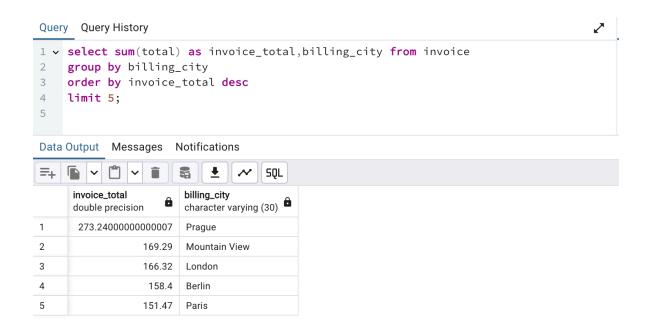
Query- 2: Top 10 countries have the most Invoices?



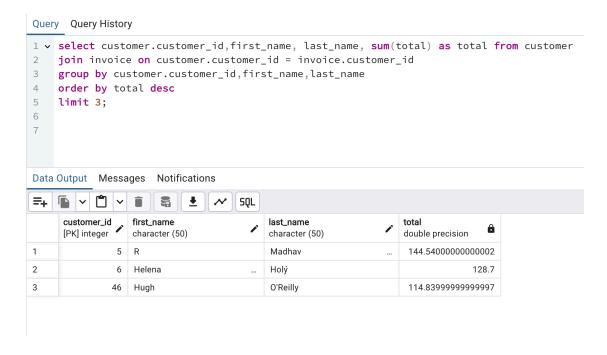
Query 3: What are top 3 values of total invoice?



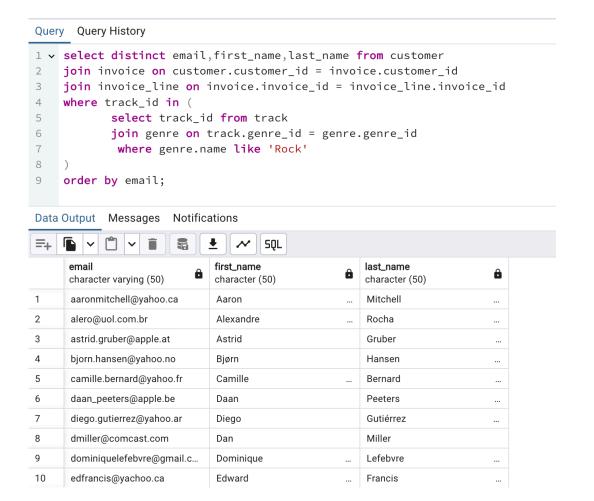
Query 4: Which city has the best customers? We would like to throw a promotional Music Festival in the city we made the most money. Write a query that returns one city that has the highest sum of invoice totals. Return both the city name & sum of all invoice totals



Query 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.

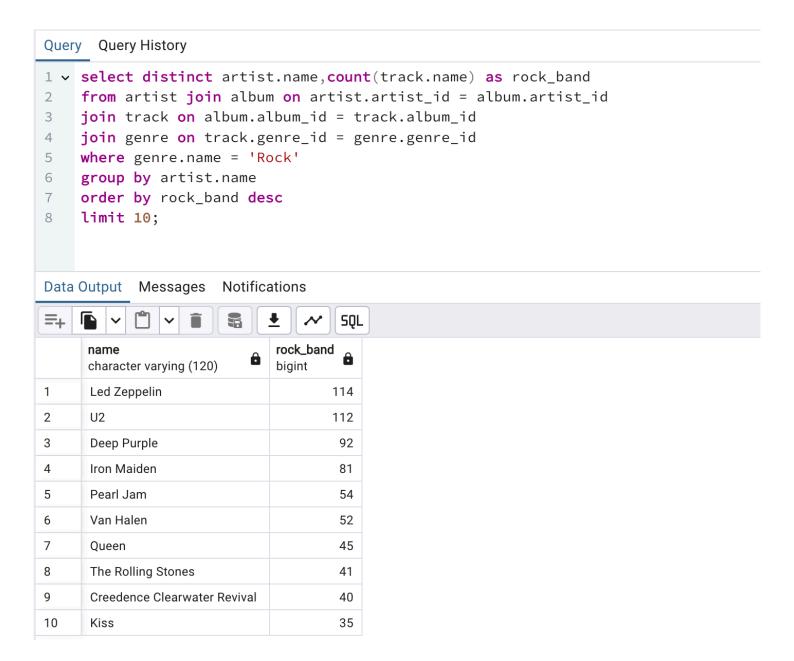


Query 6: Write query to return the email, first name, last name, & Genre of all Rock Music listeners. Return your list ordered alphabetically by email starting with A.



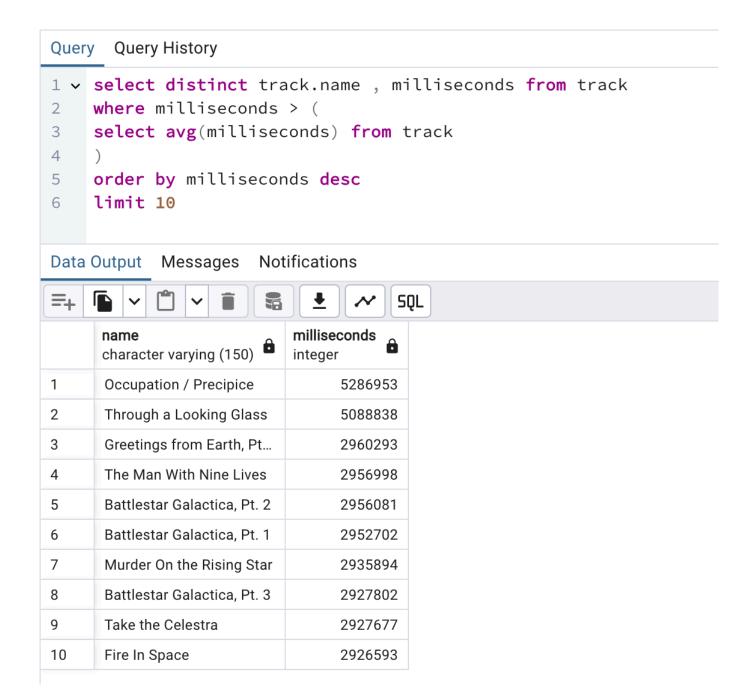
Query 7:

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.



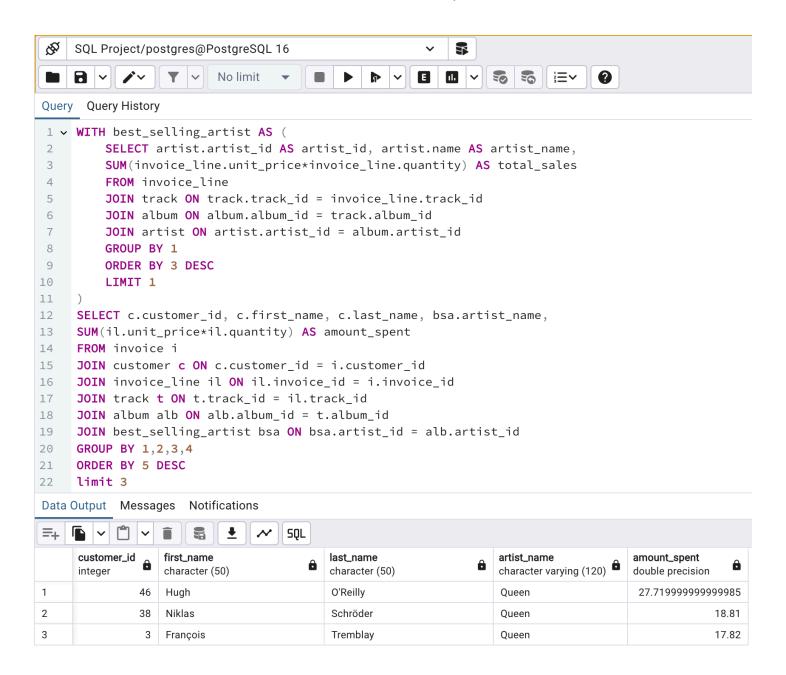
Query 8: Return all the track names that have a song length longer than the average song length.

Return the Name and Milliseconds for each track. Order by the song length with the longest songs listed first



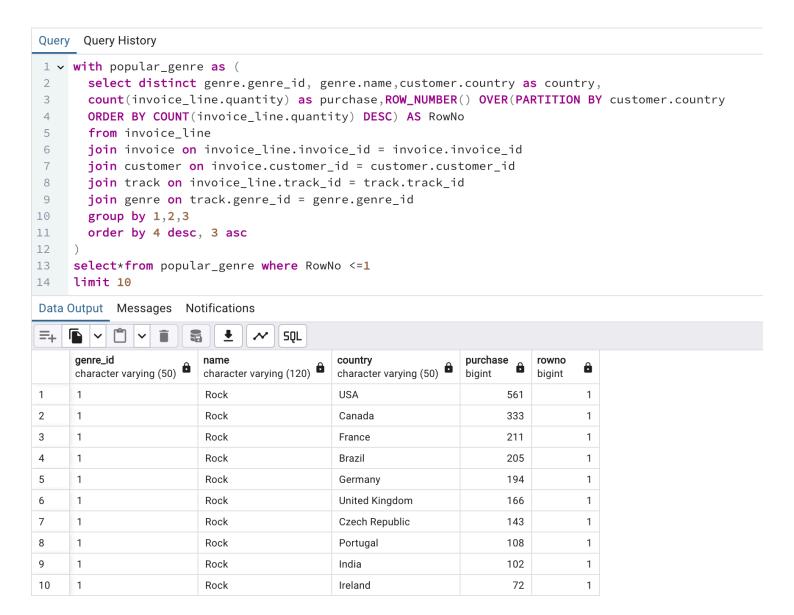
Query 9:

Find how much amount spent by each customer on artists? Write a query to return customer name, artist name and total spent



Query 10:

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.



Query 11:

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.

```
Query Query History
1 v WITH customer_with_country AS (
       SELECT
3
           customer.country AS billing_country,
          customer.first_name,
          SUM(invoice.total) AS Total_Spending
       FROM
           customer JOIN invoice
8
9
       customer.customer_id = invoice.customer_id
10
11
          customer.country, customer.first_name
   ),country_max AS (
12
13
       SELECT
           billing_country,
           MAX(Total_Spending) AS max_spending
15
16
17
           customer_with_country
18
      GROUP BY
         billing_country
19
20 ) SELECT
21
      cc.billing_country,
22
      cc.Total_Spending,
23
      cc.first_name
24 FROM customer_with_country cc
25
        JOIN country_max mx
26
    ON cc.billing_country = mx.billing_country
27
        AND cc.Total_Spending = mx.max_spending
ORDER BY cc.billing_country
29
        limit 10;
```

	billing_country character varying (50)	total_spending double precision	first_name character (50) €
1	Argentina	39.6	Diego
2	Australia	81.18	Mark
3	Austria	69.3	Astrid
4	Belgium	60.3899999999999	Daan
5	Brazil	108.8999999999998	Luís
6	Canada	99.99	François
7	Chile	97.02000000000001	Luis
8	Czech Republic	144.54000000000002	R
9	Denmark	37.61999999999999	Kara
10	Finland	79.2	Terhi