## Music store database analysis in SQL

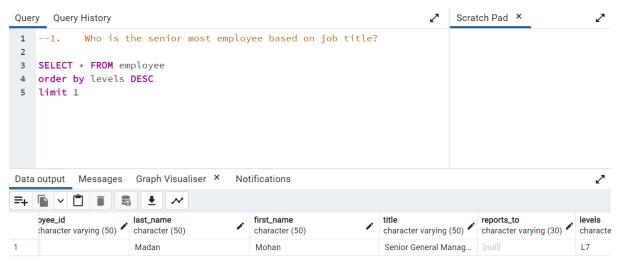
## **SQL PROJECT- MUSIC STORE DATA ANALYSIS Question**

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 totals
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
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
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

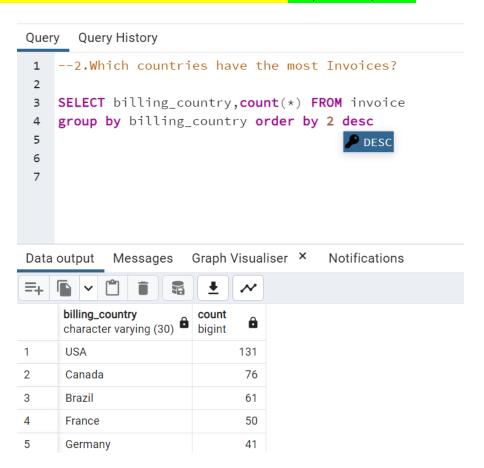
8.. Return all the track names that have a song length longer than the average song length. Return the Name and Milliseconds for each track. Order by the song length

with the longest songs listed first

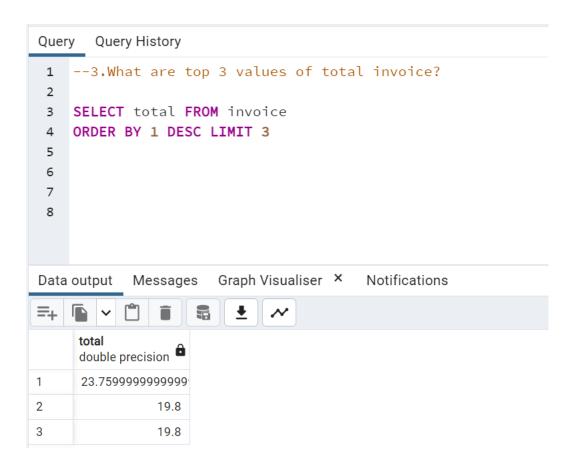
1. Who is the senior most employee based on job title? Ans- Madan mohan



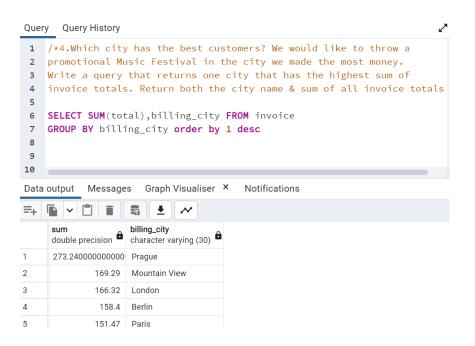
2. Which countries have the most Invoices?- USA, CANADA, BRAZIL



3. What are top 3 values of total invoice?



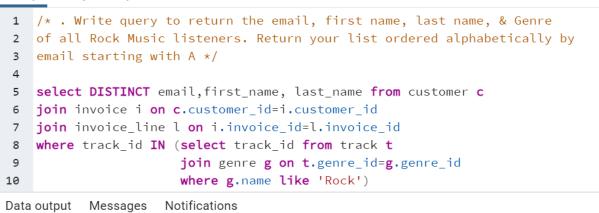
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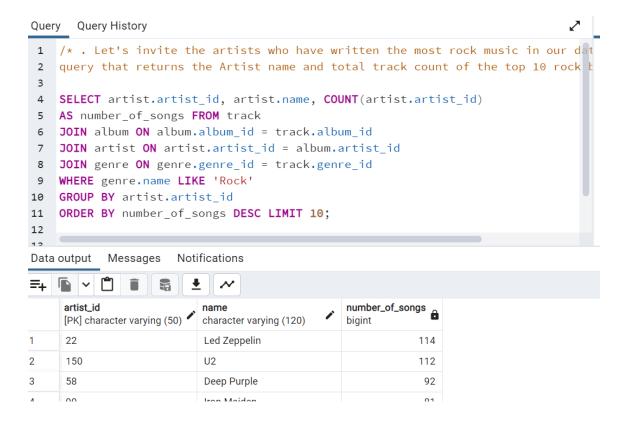
## R Madhav

```
Query
            Query History
                  Who is the best customer? The customer who has spent the most
      1
         money will be declared the best customer. Write a query that
         returns the person who has spent the most money */
      3
         SELECT c.customer_id,c.first_name,c.last_name, sum(i.total)
      4
      5 from customer c
      6 join invoice i
      7
         on c.customer_id = i.customer_id
         group by c.customer id
         order by sum(i.total) desc
      9
     10
       limit 1
     Data output
                 Messages
                            Notifications
    =+
          customer_id | first_name | Character (50)
                                              last_name
                                              character (50)
                                                                      double precision
    1
                                              Madhav
                                                                      144.540000000000002
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
                                                                                         2
    Query
           Query History
       /* . Write query to return the email, first name, last name, & Genre
     1
        of all Rock Music listeners. Return your list ordered alphabetically by
     3
        email starting with A */
     4
       select DISTINCT email, first_name, last_name from customer c
     5
```



=+		• ~	
	email character varying (50)	first_name character (50)	last_name character (50)
1	aaronmitchell@yahoo	Aaron	Mitchell
2	alero@uol.com.br	Alexandre	Rocha
3	astrid.gruber@apple.at	Astrid	Gruber
4	bjorn.hansen@yahoo	Bjørn	Hansen
5	camille.bernard@yah	Camille	Bernard
-		_	

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



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 Query History  $/\star$  . Return all the track names that have a song length longer Order by the song length with the longest songs listed first  $\star$ , 2 3 4 SELECT name, milliseconds FROM track 5 WHERE milliseconds > ( 6 SELECT AVG(milliseconds) AS avg\_track\_length 7 FROM track) 8 ORDER BY milliseconds DESC; 9 10 11

