

Dashboard Properties SQL Statistics Dependencies Dependents Processes [music_database.sql*](#)

music_info/postgres@PostgreSQL 15

Query History Scratch Pad

```
1
2
3 --GROUP1
4 --1
5 select title, last_name, first_name
6 from employee
7 order by levels desc
8 limit 1;
```

Data Output Messages Notifications

	title character varying (50)	last_name character	first_name character	
1	Senior General Manager	Madan	Mohan	...

Total rows: 1 of 1 Query complete 00:00:00.241 Ln 16, Col 1

```
11
12  --2
13  select count(*) as tot_count, billing_country
14  from invoice
15  group by billing_country
16  order by tot_count desc;
17
18
19
20
21
22
23
24
```

	tot_count	billing_country
1	131	USA
2	76	Canada
3	61	Brazil
4	50	France
5	41	Germany
6	30	Czech Republic
7	29	Portugal
8	28	United Kingdom
9	21	India

music_info/postgres@PostgreSQL 15



No limit



Query

Scratch Pad

```
17  
18  
19  --3  
20  select total  
21  from invoice  
22  order by total desc;  
23  
24  
25  
26  
27  
28  
29  
30  
31
```

Data Output Messages Notifications



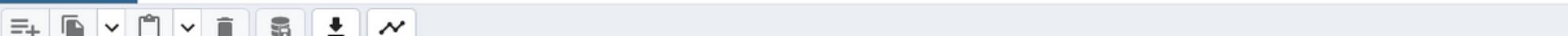
	total	
	double precision	locked
1	23.759999999999998	
2	19.8	
3	19.8	
4	19.8	
5	19.8	
6	18.81	
7	17.82	
8	17.82	
9	17.82	



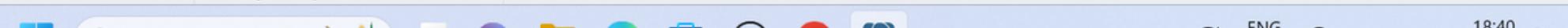
Query Query History Scratch Pad X

```
23  
24  
25  
26  
27  
28 --4  
29 select billing_city,sum(total) as total_invoice  
30 from invoice  
31 group by billing_city  
32 order by total_invoice desc  
33 limit 1;  
34  
35  
36  
37
```

Data Output Messages Notifications X



	billing_city	total_invoice
	character varying (30)	double precision
1	Prague	273.24000000000007



music_info/postgres@PostgreSQL 15



Query Query History

Scratch Pad

```
31
32
33
34
35 --5
36 select c.customer_id, c.first_name, c.last_name, sum(i.total) as total_spending
37 from customer c
38 left join invoice i on c.customer_id = i.customer_id
39 group by c.customer_id
40 order by total_spending desc
41 limit 1;
```

Data Output Messages Notifications



	customer_id [PK] integer	first_name character	last_name character	total_spending double precision
1	5	R	Madhav	144.54000000000002



music_info/postgres@PostgreSQL 15



Query Query History

Scratch Pad

```
48
49
50 --GROUP2
51 |
52 --1
53 select distinct c.email, c.first_name, c.last_name,g.name as genre
54 from customer c
55 left join invoice i  on c.customer_id=i.customer_id
56 left join invoice_line il on i.invoice_id=il.invoice_id
57 left join track t on il.track_id=t.track_id
58 left join genre g on t.genre_id=g.genre_id
59 where g.name like 'Rock'
60 order by c.email asc;
61
62
```

Data Output Messages Notifications



	email character varying (50)	first_name character	last_name character	genre character varying (120)
9	dominiquelefebvre@gmail.c...	Dominique	Lefebvre	Rock
10	edfrancis@yahoo.ca	Edward	Francis	Rock
11	eduardo@woodstock.com.br	Eduardo	Martins	Rock
12	ellie.sullivan@shaw.ca	Ellie	Sullivan	Rock
13	emma_jones@hotmail.com	Emma	Jones	Rock
14	enrique_munoz@yahoo.es	Enrique	Muñoz	Rock
15	fernadaramos4@uol.com.br	Fernanda	Ramos	Rock
16	fharris@google.com	Frank	Harris	Rock
17	fralston@gmail.com	Frank	Ralston	Rock

music_info/postgres@PostgreSQL 15



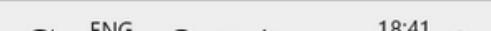
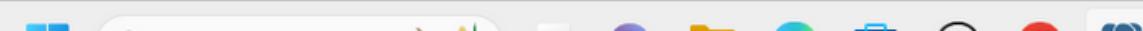
Data Output Messages Notifications



	email character varying (50)	first_name character	last_name character	genre character varying (120)
17	fralston@gmail.com	Frank	Ralston	Rock
18	ftremblay@gmail.com	François	Tremblay	Rock
19	fzimmermann@yahoo.de	Fynn	Zimmermann	Rock
20	hannah.schneider@yahoo.de	Hannah	Schneider	Rock
21	hholy@gmail.com	Helena	Holý	Rock
22	hleacock@gmail.com	Heather	Leacock	Rock
23	hugoreilly@apple.ie	Hugh	O'Reilly	Rock
24	isabelle_mercier@apple.fr	Isabelle	Mercier	Rock
25	jacksmith@microsoft.com	Jack	Smith	Rock
26	jenniferp@rogers.ca	Jennifer	Peterson	Rock
27	jfernandes@yahoo.pt	João	Fernandes	Rock
28	joakim.johansson@yahoo.se	Joakim	Johansson	Rock
29	johavanderberg@yahoo.nl	Johannes	Van der Berg	Rock
30	johngordon22@yahoo.com	John	Gordon	Rock
31	jubarnett@gmail.com	Julia	Barnett	Rock
32	kachase@hotmail.com	Kathy	Chase	Rock
33	kara.nielsen@jubii.dk	Kara	Nielsen	Rock
34	ladislav_kovacs@apple.hu	Ladislav	Kovács	Rock
35	leonekohler@surfeu.de	Leonie	Köhler	Rock
36	lucas.mancini@yahoo.it	Lucas	Mancini	Rock
37	luisg@embraer.com.br	Luís	Gonçalves	Rock
38	luizernias@yahoo.cl	Luis	Rojas	Rock

Total rows: 59 of 59 Query complete 00:00:00.082

Ln 51, Col 1



18:41

[Dashboard](#)[Properties](#)[SQL](#)[Statistics](#)[Dependencies](#)[Dependents](#)[Processes](#)[music_database.sql*](#) [music_info/postgres@PostgreSQL 15](#)

No limit

[Data Output](#)[Messages](#)[Notifications](#)

	email character varying (50)	first_name character	last_name character	genre character varying (120)
38	luisrojas@yahoo.cl	Luis	Rojas	ROCK
39	manoj.pareek@rediff.com	Manoj	Pareek	Rock
40	marc.dubois@hotmail.com	Marc	Dubois	Rock
41	mark.taylor@yahoo.au	Mark	Taylor	Rock
42	marthasilk@gmail.com	Martha	Silk	Rock
43	masampaio@sapo.pt	Madalena	Sampaio	Rock
44	michelleb@aol.com	Michelle	Brooks	Rock
45	mphilips12@shaw.ca	Mark	Philips	Rock
46	nschroder@surfeu.de	Niklas	Schröder	Rock
47	patrick.gray@aol.com	Patrick	Gray	Rock
48	phil.hughes@gmail.com	Phil	Hughes	Rock
49	puja_srivastava@yahoo.in	Puja	Srivastava	Rock
50	r.madhav@jetbrains.com	R	Madhav	Rock
51	ricunningham@hotmail.com	Richard	Cunningham	Rock
52	robbrown@shaw.ca	Robert	Brown	Rock
53	roberto.almeida@riotur.gov.br	Roberto	Almeida	Rock
54	stanislaw.wojcik@wp.pl	Stanisław	Wójcik	Rock
55	steve.murray@yahoo.uk	Steve	Murray	Rock
56	terhi.hamalainen@apple.fi	Terhi	Hämäläinen	Rock
57	tgoyer@apple.com	Tim	Goyer	Rock
58	vstevens@yahoo.com	Victor	Stevens	Rock
59	wyatt.girard@yahoo.fr	Wyatt	Girard	Rock

Total rows: 59 of 59

Query complete 00:00:00.082

Ln 51, Col 1

Dashboard Properties SQL Statistics Dependencies Dependents Processes [music_database.sql*](#) X

music_info/postgres@PostgreSQL 15 ↻

No limit ▼

Query Query History Scratch Pad X ↶ ↷

```
65
66 --2
67
68
69 select a.name,a.artist_id,count(a.artist_id)as no_of_songs
70 from track t
71 left join album ab on t.album_id=ab.album_id
72 left join artist a on ab.artist_id=a.artist_id
73 left join genre g on t.genre_id=g.genre_id
74 where g.name like 'Rock'
75 group by a.artist_id
76 order by no_of_songs desc
77 limit 10;
78
79
```

Data Output Messages Notifications ↶ ↷

	name character varying (120)	artist_id [PK] character varying (50)	no_of_songs bigint
1	Led Zeppelin	22	114
2	U2	150	112
3	Deep Purple	58	92
4	Iron Maiden	90	81
5	Pearl Jam	118	54
6	Van Halen	152	52
7	Queen	51	45
8	The Rolling Stones	142	41
9	Creedence Clearwater Revival	76	40

Total rows: 10 of 10 | Query complete 00:00:00.084 | Ln 77, Col 10

Dashboard Properties SQL Statistics Dependencies Dependents Processes [music_database.sql*](#)

music_info/postgres@PostgreSQL 15

No limit

Query History

Scratch Pad

```
76
77
78
79
80 --3
81 select*from playlist_track;
82 select*from playlist;
83
84
85 select name, milliseconds as song_length
86 from track
87 where milliseconds>(select avg(milliseconds) as avg_length from track)
88 order by song_length desc
89 ;
90
```

Data Output Messages Notifications

	name	song_length
1	Occupation / Precipice	5286953
2	Through a Looking Glass	5088838
3	Greetings from Earth, Pt. 1	2960293
4	The Man With Nine Lives	2956998
5	Battlestar Galactica, Pt. 2	2956081
6	Battlestar Galactica, Pt. 1	2952702
7	Murder On the Rising Star	2935894
8	Battlestar Galactica, Pt. 3	2927802
9	Take the Celestra	2927677

Total rows: 494 of 494 Query complete 00:00:00.109 Ln 79, Col 1

Dashboard Properties SQL Statistics Dependencies Dependents Processes [music_database.sql*](#)

music_info/postgres@PostgreSQL 15

No limit

Query History

```
91
92
93
94 --GROUP3
95 --1
96 with cte as(
97     select a.artist_id,a.name as artist_name,sum(il.unit_price*il.quantity)as tot_sales
98     from invoice_line il
99     inner join track t on t.track_id=il.track_id
100    inner join album ab on ab.album_id=t.album_id
101    inner join artist a on a.artist_id= ab.artist_id
102    group by a.artist_id,artist_name
103    order by tot_sales desc
104    limit 1
105 )
106 select c.customer_id,c.first_name,c.last_name,cc.artist_name,sum(il.unit_price *il.quantity)as amount_spent
107 from cte cc
108 left join album a on cc.artist_id=a.artist_id
109 left join track t on a.album_id=t.album_id
110 left join invoice_line il on t.track_id=il.track_id
111 left join invoice i on il.invoice_id=i.invoice_id
112 left join customer c on i.customer_id=c.customer_id
113 group by c.customer_id,c.first_name,c.last_name,cc.artist_name
114 order by amount_spent desc;
115
116
117
118
119
120
```

Total rows: 43 of 43 | Query complete 00:00:00.105 | Ln 125, Col 2

Dashboard Properties SQL Statistics Dependencies Dependents Processes music_database.sql*

music_info/postgres@PostgreSQL 15

No limit

Data Output Messages Notifications

customer_id first_name last_name artist_name amount_spent

	customer_id	first_name	last_name	artist_name	amount_spent
1	46	Hugh	O'Reilly	Queen	27.719999999999985
2	38	Niklas	Schröder	Queen	18.81
3	3	François	Tremblay	Queen	17.82
4	34	João	Fernandes	Queen	16.830000000000002
5	53	Phil	Hughes	Queen	11.88
6	41	Marc	Dubois	Queen	11.88
7	47	Lucas	Mancini	Queen	10.89
8	33	Ellie	Sullivan	Queen	10.89
9	20	Dan	Miller	Queen	3.96
10	5	R	Madhav	Queen	3.96
11	23	John	Gordon	Queen	2.969999999999998
12	54	Steve	Murray	Queen	2.969999999999998
13	31	Martha	Silk	Queen	2.969999999999998
14	16	Frank	Harris	Queen	1.98
15	17	Jack	Smith	Queen	1.98
16	24	Frank	Ralston	Queen	1.98
17	30	Edward	Francis	Queen	1.98
18	35	Madalena	Sampaio	Queen	1.98
19	36	Hannah	Schneider	Queen	1.98
20	11	Alexandre	Rocha	Queen	1.98
21	8	Daan	Peeters	Queen	1.98
22	42	Wuatt	Girard	Queen	1.98

Total rows: 43 of 43 Query complete 00:00:00.105 Ln 103, Col 25

music_info/postgres@PostgreSQL 15

No limit

Query Query History

```
121
122
123
124
125    |--2
126 with cte as (
127     select c.country, g.genre_id, g.name, count(il.quantity)as amount_of_purchase,
128     row_number()over(partition by c.country order by count(il.quantity)desc)as rn
129     from customer c
130     left join invoice i on c.customer_id=i.customer_id
131     left join invoice_line il on i.invoice_id=il.invoice_id
132     left join track t on il.track_id=t.track_id
133     left join genre g on t.genre_id=g.genre_id
134     group by c.country, g.genre_id, g.name
135     order by c.country asc, count(il.quantity)desc
136 )
137 select*from cte
138 where rn =1;
```

139

140

141

142

143

144

145

146

147

148

149

150

151

Dashboard
Properties
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Dependencies
Dependents
Processes
[music_database.sql*](#)
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music_info/postgres@PostgreSQL 15
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Data Output
Messages
Notifications

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...

	customer_id [PK] integer	first_name character	last_name character	country character varying (50)	total_spending double precision	rn bigint
1	56	Diego	Gutiérrez	Argentina	39.6	1
2	55	Mark	Taylor	Australia	81.18	1
3	7	Astrid	Gruber	Austria	69.3	1
4	8	Daan	Peeters	Belgium	60.38999999999999	1
5	1	Luis	Gonçalves	Brazil	108.8999999999998	1
6	3	François	Tremblay	Canada	99.99	1
7	57	Luis	Rojas	Chile	97.02000000000001	1
8	5	R	Madhav	Czech Republic	144.5400000000002	1
9	9	Kara	Nielsen	Denmark	37.61999999999999	1
10	44	Terhi	Hämäläinen	Finland	79.2	1
11	42	Wyatt	Girard	France	99.99	1
12	37	Fynn	Zimmermann	Germany	94.05000000000001	1
13	45	Ladislav	Kovács	Hungary	78.21	1
14	58	Manoj	Pareek	India	111.8699999999999	1
15	46	Hugh	O'Reilly	Ireland	114.8399999999997	1
16	47	Lucas	Mancini	Italy	50.49	1
17	48	Johannes	Van der Berg	Netherlands	65.34	1
18	4	Bjørn	Hansen	Norway	72.27000000000001	1
19	49	Stanisław	Wójcik	Poland	76.22999999999999	1
20	34	João	Fernandes	Portugal	102.96000000000001	1
21	50	Enrique	Muñoz	Spain	98.01	1
22	51	Ioakim	Iohansson	Sweden	75.24	1

Total rows: 24 of 24

Query complete 00:00:00.084

Ln 153, Col 14

music_info/postgres@PostgreSQL 15



Query Query History



```
148  
149  
150  
151  
152  
153    --3  
154    with cte as(  
155        select distinct c.customer_id,c.first_name,c.last_name,c.country,sum(i.total)as total_spending,  
156        row_number () over(partition by c.country order by sum(i.total) desc)as rn  
157        from customer c  
158        left join invoice i on c.customer_id=i.customer_id  
159        group by c.customer_id,c.first_name,c.last_name,c.country  
160        order by c.country asc, sum(i.total)desc  
161    )  
162    select*from cte  
163    where rn=1;  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177
```

music_info/postgres@PostgreSQL 15



No limit

Data Output Messages Notifications

	name character varying (120)	artist_id [PK] character varying (50)	no_of_songs bigint
1	Led Zeppelin	22	114
2	U2	150	112
3	Deep Purple	58	92
4	Iron Maiden	90	81
5	Pearl Jam	118	54
6	Van Halen	152	52
7	Queen	51	45
8	The Rolling Stones	142	41
9	Creedence Clearwater Revival	76	40
10	Kiss	52	35