

Empovation_challenge/postgres@PostgreSQL 14

No limit

Query Query History

Data Output Messages Notifications

```

1  -- write a query to count
2  the total number of orders per customer order
3  in desc
4
5  SELECT c.customer_key,
6  COUNT(o.order_number) AS total_orders
7  FROM customers c
8  LEFT JOIN sales o ON
9  c.customer_key = o.customer_key
10 GROUP BY c.customer_key
11 ORDER BY total_orders DESC;
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```

	customer_key [PK] character varying (50)	total_orders bigint
1	723572	36
2	1579183	32
3	1925694	32
4	1492176	29
5	1942072	29
6	1972249	29
7	2080484	29
8	1521733	29
9	793686	28
10	382960	28
11	1849306	27
12	946857	27
13	780974	27
14	1388023	27
15	1638118	26
16	1523982	26
17	998374	25
18	461982	25
19	1231909	25
20	1057055	25
21	522806	24
22	1610098	24
23	1098687	24

Activate Windows
Go to Settings to activate Windows.

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Alt O

Query History

```

34 -- write a SQL query to show list of
35 products sold in 2020
36
37
38 SELECT DISTINCT p.product_name
39 FROM products p
40 JOIN sales s ON p.product_key = s.product_key
41 WHERE EXTRACT(YEAR FROM s.delivery_date) = 2020;
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```

Data Output Messages Notifications



	product_name	
	character varying (100)	
1	A. Datum Advanced Digital Camera M300 Azure	
2	A. Datum Advanced Digital Camera M300 Black	
3	A. Datum Advanced Digital Camera M300 Grey	
4	A. Datum Advanced Digital Camera M300 Orange	
5	A. Datum Advanced Digital Camera M300 Pink	
6	A. Datum All in One Digital Camera M200 Azure	
7	A. Datum All in One Digital Camera M200 Green	
8	A. Datum All in One Digital Camera M200 Grey	
9	A. Datum All in One Digital Camera M200 Orange	
10	A. Datum All in One Digital Camera M200 Pink	
11	A. Datum All in One Digital Camera M200 Silver	
12	A. Datum Bridge Digital Camera M300 Green	
13	A. Datum Bridge Digital Camera M300 Grey	
14	A. Datum Bridge Digital Camera M300 Pink	
15	A. Datum Compact Digital Camera M200 Grey	
16	A. Datum Compact Digital Camera M200 Silver	
17	A. Datum Consumer Digital Camera E100 Black	
18	A. Datum Consumer Digital Camera E100 Green	
19	A. Datum Consumer Digital Camera E100 Grey	
20	A. Datum Consumer Digital Camera E100 Pink	
21	A. Datum Consumer Digital Camera M300 Azure	
22	A. Datum Consumer Digital Camera M300 Black	
23	A. Datum Consumer Digital Camera M300 Grey	

Query	Query History
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99
100
101
102
103 --write a query to calculate
104 the total sales quantity for product 2115
105
106 SELECT SUM(s.quantity)
107 AS total_sales_quantity
108 FROM sales s
109 JOIN products p ON s.product_key = p.product_key
110 WHERE p.product_key = 2115;
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```

Data Output	Messages	Notifications
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	total_sales_quantity bigint
1	127

