

PostgreSQL Group By

Using PostgreSQL GROUP BY without an aggregate function example

Dashboard Properties SQL Statistics Dependencies Dependents

Query Editor Query History

```
1 SELECT
2     customer_id
3 FROM
4     payment
5 GROUP BY
6     customer_id;
```

Data Output Explain Messages Notifications

	customer_id smallint	
1	184	
2	87	
3	477	
4	273	
5	550	

Using PostgreSQL GROUP BY with SUM() function

Dashboard Properties SQL Statistics Dependencies Dependents

Query Editor Query History

```
1 SELECT
2     customer_id,
3     SUM (amount)
4 FROM
5     payment
6 GROUP BY
7     customer_id;
```

Data Output Explain Messages Notifications

	customer_id smallint	sum numeric	
1	184	80.80	
2	87	137.72	
3	477	106.79	
4	273	130.72	
5	550	151.69	

Dashboard	Properties	SQL	Statistics	Dependencies	Dependents	dvdrental/postgres@PostgreSQL 13 *
Query Editor Query History						
1	--The following statement uses the ORDER BY clause with GROUP BY clause to sort the groups					
2	SELECT					
3	customer_id,					
4	SUM (amount)					
5	FROM					
6	payment					
7	GROUP BY					
8	customer_id					
9	ORDER BY					
10	SUM (amount) DESC;					
Data Output Explain Messages Notifications						
	customer_id smallint	sum numeric				
1	148	211.55				
2	526	208.58				
3	178	194.61				
4	137	191.62				

Using PostgreSQL GROUP BY clause with the JOIN clause

Dashboard	Properties	SQL	Statistics	Dependencies	Dependents	dvdrental
Query Editor Query History						
1	SELECT					
2	first_name ' ' last_name full_name,					
3	SUM (amount) amount					
4	FROM					
5	payment					
6	INNER JOIN customer USING (customer_id)					
7	GROUP BY					
8	full_name					
9	ORDER BY amount DESC;					
Data Output Explain Messages Notifications						
	full_name text	amount numeric				
1	Eleanor Hunt	211.55				
2	Karl Seal	208.58				
3	Marion Snyder	194.61				
4	Rhonda Kennedy	191.62				
5	Clara Shaw	189.60				

Using PostgreSQL GROUP BY with COUNT() function

Dashboard Properties SQL Statistic

Query Editor Query History

```
1 SELECT
2     staff_id,
3     COUNT (payment_id)
4 FROM
5     payment
6 GROUP BY
7     staff_id;
```

Data Output Explain Messages Noti

	staff_id smallint	count bigint
1	1	7292
2	2	7304

Using PostgreSQL GROUP BY with multiple columns

Dashboard Properties SQL Statistics Dependencies Dependents

Query Editor Query History

```
1 SELECT
2     customer_id,
3     staff_id,
4     SUM(amount)
5 FROM
6     payment
7 GROUP BY
8     staff_id,
9     customer_id
10 ORDER BY
11     customer_id;
```

Data Output Explain Messages Notifications

	customer_id smallint	staff_id smallint	sum numeric
1	1	2	53.85
2	1	1	60.85
3	2	2	67.88
4	2	1	55.86

Using PostgreSQL GROUP BY clause with date column

Dashboard Properties SQL Statistics Dependencies

Query Editor Query History

```

1 SELECT
2     DATE(payment_date) paid_date,
3     SUM(amount) sum
4 FROM
5     payment
6 GROUP BY
7     DATE(payment_date);
    
```

Data Output Explain Messages Notifications

	paid_date date	sum numeric
1	2007-02-14	116.73
2	2007-02-19	1290.90
3	2007-02-20	1219.09
4	2007-03-19	2617.69