

# PostgreSQL Having

## Using PostgreSQL HAVING clause 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<br>smallint | sum<br>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

Query Editor Query History

```
1 --The following statement adds the HAVING clause to select
2 --the only customers who have been spending more than 200
3 SELECT
4     customer_id,
5     SUM (amount)
6 FROM
7     payment
8 GROUP BY
9     customer_id
10 HAVING
11     SUM (amount) > 200;
```

Data Output Explain Messages Notifications

|   | customer_id<br>smallint | sum<br>numeric |
|---|-------------------------|----------------|
| 1 | 526                     | 208.58         |
| 2 | 148                     | 211.55         |

## PostgreSQL HAVING clause with COUNT

Dashboard Properties SQL Statistics Dependencies Dependents

Query Editor Query History

```
1 SELECT
2     store_id,
3     COUNT (customer_id)
4 FROM
5     customer
6 GROUP BY
7     store_id
```

Data Output Explain Messages Notifications

|   | store_id<br>smallint | count<br>bigint |
|---|----------------------|-----------------|
| 1 | 1                    | 326             |
| 2 | 2                    | 273             |

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Query Editor Query History

```
1 --The following statement adds the HAVING clause to select the store that has more than 300 customers
2 SELECT
3     store_id,
4     COUNT (customer_id)
5 FROM
6     customer
7 GROUP BY
8     store_id
9 HAVING
10    COUNT (customer_id) > 300;
```

Data Output Explain Messages Notifications

|   | store_id<br>smallint | count<br>bigint |
|---|----------------------|-----------------|
| 1 | 1                    | 326             |