

# PostgreSQL Filtering Data Where

Query Editor Query History Explain Messages

```
1 --clause customers whose first names are Jamie
2 SELECT
3     last_name,
4     first_name
5 FROM
6     customer
7 WHERE
8     first_name = 'Jamie';
```

Data Output

	last_name character varying (45)	first_name character varying (45)
1	Rice	Jamie
2	Waugh	Jamie

Query Editor Query History Explain Messages

```
1 --finds the customers whose last name is Rodriguez or first name is Adam by using the OR operator:
2 SELECT
3     first_name,
4     last_name
5 FROM
6     customer
7 WHERE
8     last_name = 'Rodriguez' OR
9     first_name = 'Adam';
```

Data Output

	first_name character varying (45)	last_name character varying (45)
1	Laura	Rodriguez
2	Adam	Gooch

Query Editor Query History Explain Messages

```
1 --finds customers whose first name and last name are Jamie and rice by using the AND logical operator to combine two Boolean expres
2 SELECT
3     last_name,
4     first_name
5 FROM
6     customer
7 WHERE
8     first_name = 'Jamie' AND
9     last_name = 'Rice';
```

Data Output

	last_name character varying (45)	first_name character varying (45)
1	Rice	Jamie

Query Editor Query History Explain Messages

```
1 --returns customers whose first name is Ann, or Anne, or Annie:
2 SELECT
3     first_name,
4     last_name
5 FROM
6     customer
7 WHERE
8     first_name IN ('Ann','Anne','Annie');
```

Data Output

	first_name character varying (45)	last_name character varying (45)
1	Ann	Evans
2	Anne	Powell
3	Annie	Russell

Query Editor Query History Explain Messages

```
1 --all customers whose first names start with the string Ann
2 SELECT
3     first_name,
4     last_name
5 FROM
6     customer
7 WHERE
8     first_name LIKE 'Ann%'
```

Data Output

	first_name character varying (45)	last_name character varying (45)
1	Anna	Hill
2	Ann	Evans
3	Anne	Powell
4	Annie	Russell
5	Annette	Olson

```
1 --finds customers whose first names start with the letter A and contains 3 to 5 characters by using the BETWEEN o
2 SELECT
3     first_name,
4     LENGTH(first_name) name_length
5 FROM
6     customer
7 WHERE
8     first_name LIKE 'A%' AND
9     LENGTH(first_name) BETWEEN 3 AND 5
10 ORDER BY
11     name_length;
```

Data Output

	first_name character varying (45)	name_length integer
1	Amy	3
2	Ann	3
3	Ana	3
4	Andy	4

