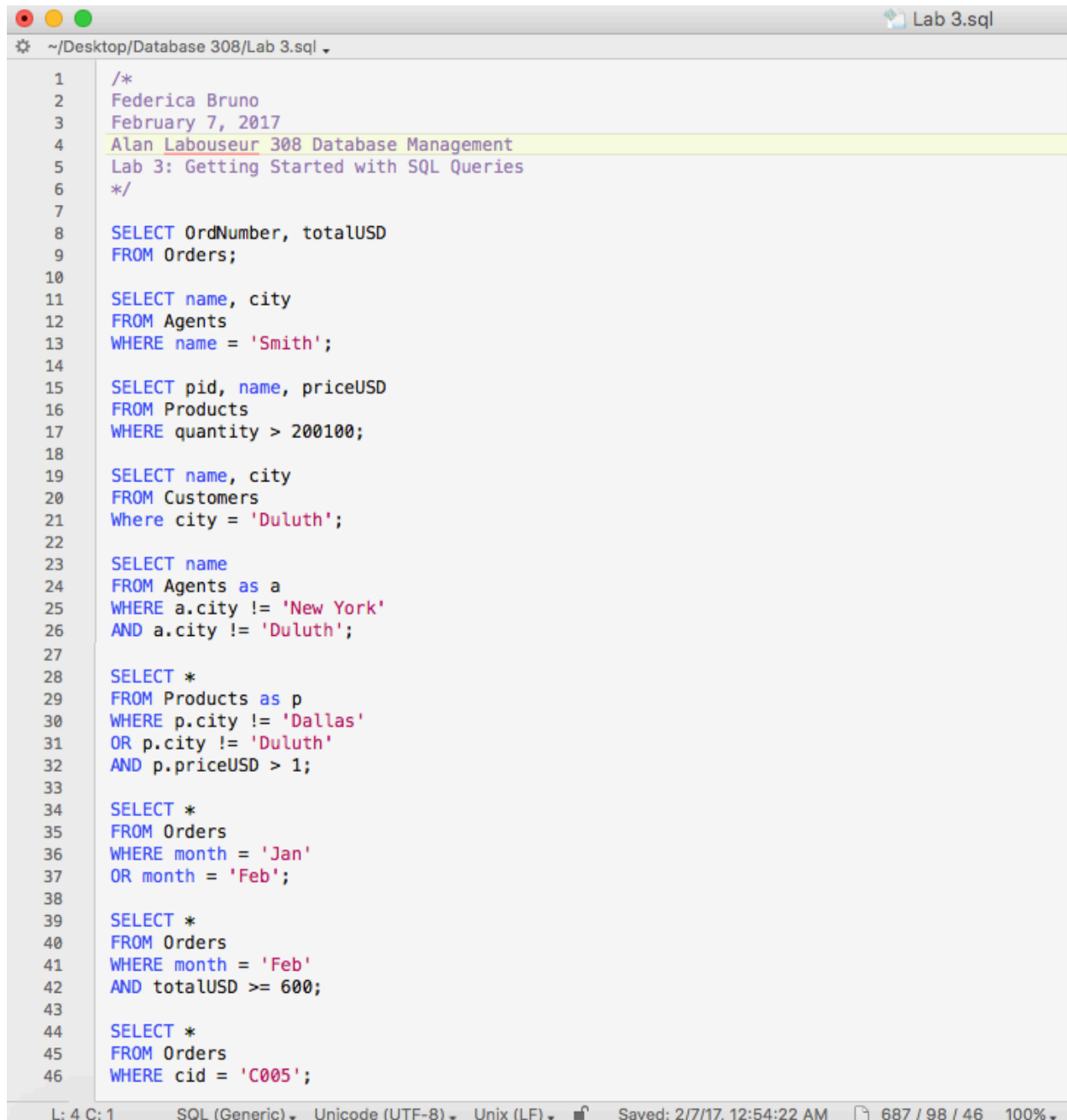


Federica Bruno
Alan Labouseur
Database Management 308
Due Date: February 7, 2017

Lab 3: Getting Started with SQL Queries

Screenshot of .sql extension file containing queries tested in pgAdmin



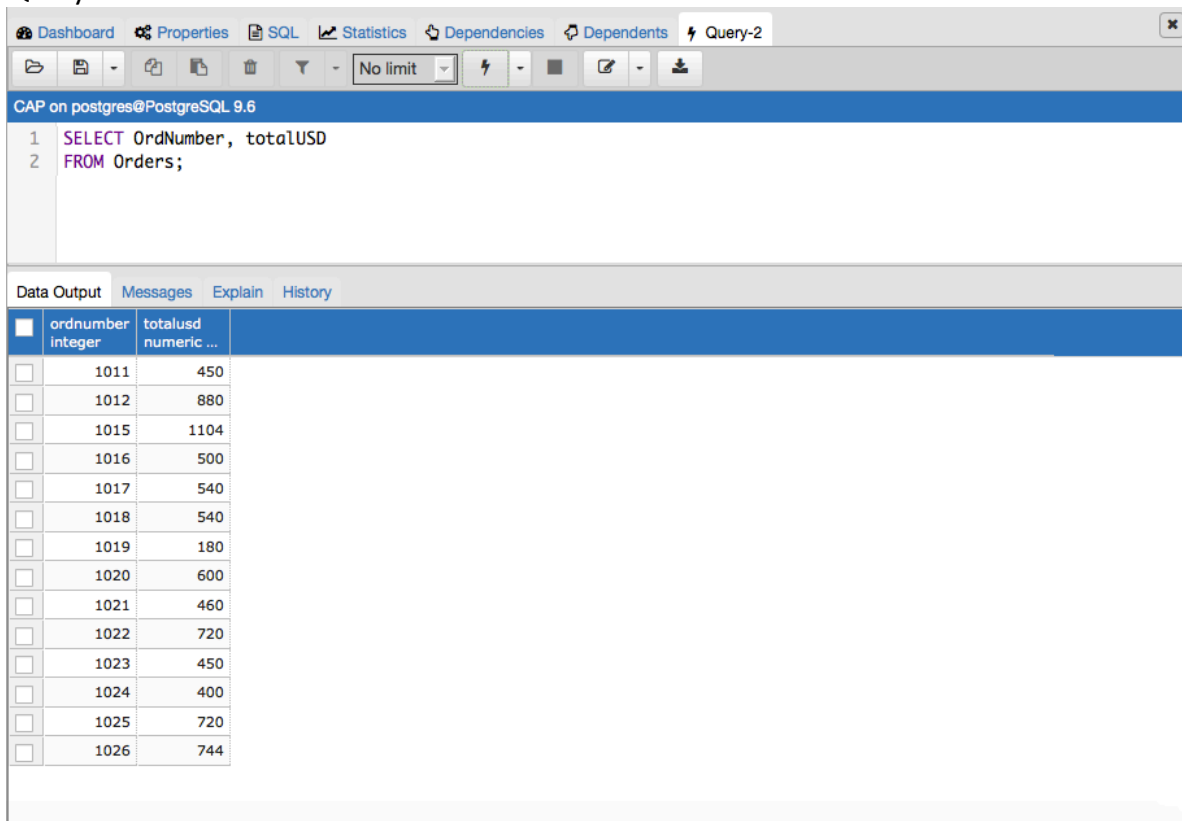
The screenshot shows a text editor window titled "Lab 3.sql" with a file path of "~/Desktop/Database 308/Lab 3.sql". The editor contains a series of SQL queries, each preceded by a line number from 1 to 46. The queries are as follows:

```
1  /*
2  Federica Bruno
3  February 7, 2017
4  Alan Labouseur 308 Database Management
5  Lab 3: Getting Started with SQL Queries
6  */
7
8  SELECT OrdNumber, totalUSD
9  FROM Orders;
10
11 SELECT name, city
12 FROM Agents
13 WHERE name = 'Smith';
14
15 SELECT pid, name, priceUSD
16 FROM Products
17 WHERE quantity > 200100;
18
19 SELECT name, city
20 FROM Customers
21 Where city = 'Duluth';
22
23 SELECT name
24 FROM Agents as a
25 WHERE a.city != 'New York'
26 AND a.city != 'Duluth';
27
28 SELECT *
29 FROM Products as p
30 WHERE p.city != 'Dallas'
31 OR p.city != 'Duluth'
32 AND p.priceUSD > 1;
33
34 SELECT *
35 FROM Orders
36 WHERE month = 'Jan'
37 OR month = 'Feb';
38
39 SELECT *
40 FROM Orders
41 WHERE month = 'Feb'
42 AND totalUSD >= 600;
43
44 SELECT *
45 FROM Orders
46 WHERE cid = 'C005';
```

The status bar at the bottom of the editor shows: "L: 4 C: 1", "SQL (Generic)", "Unicode (UTF-8)", "Unix (LF)", "Saved: 2/7/17, 12:54:22 AM", and "687 / 98 / 46 100%".

Screenshot of results in pgAdmin

Query Result 1



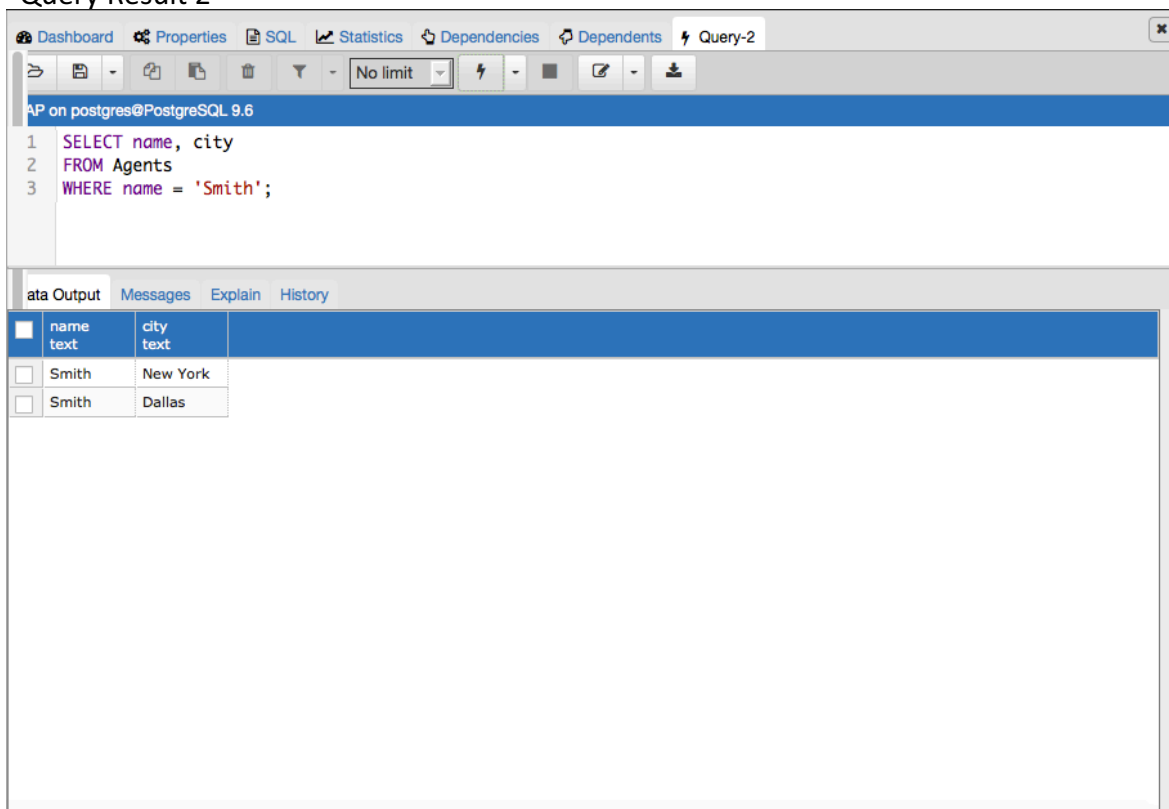
The screenshot shows the pgAdmin interface with the 'Query-2' tab selected. The query editor contains the following SQL:

```
1 SELECT OrdNumber, totalUSD
2 FROM Orders;
```

The 'Data Output' tab is active, displaying a table with 15 rows of data. The columns are 'ordnumber' (integer) and 'totalusd' (numeric). The data is as follows:

ordnumber	totalusd
1011	450
1012	880
1015	1104
1016	500
1017	540
1018	540
1019	180
1020	600
1021	460
1022	720
1023	450
1024	400
1025	720
1026	744

Query Result 2



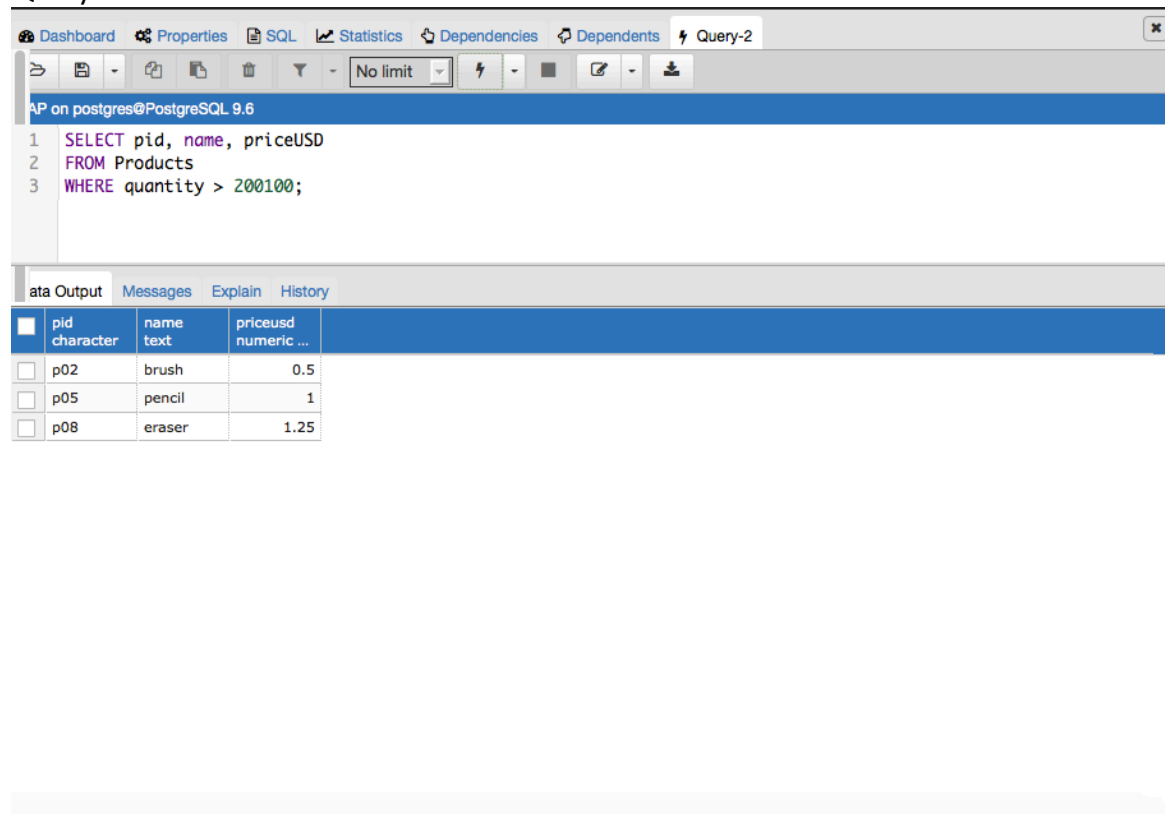
The screenshot shows the pgAdmin interface with the 'Query-2' tab selected. The query editor contains the following SQL:

```
1 SELECT name, city
2 FROM Agents
3 WHERE name = 'Smith';
```

The 'Data Output' tab is active, displaying a table with 2 rows of data. The columns are 'name' (text) and 'city' (text). The data is as follows:

name	city
Smith	New York
Smith	Dallas

Query Result 3



Dashboard Properties SQL Statistics Dependencies Dependents Query-2

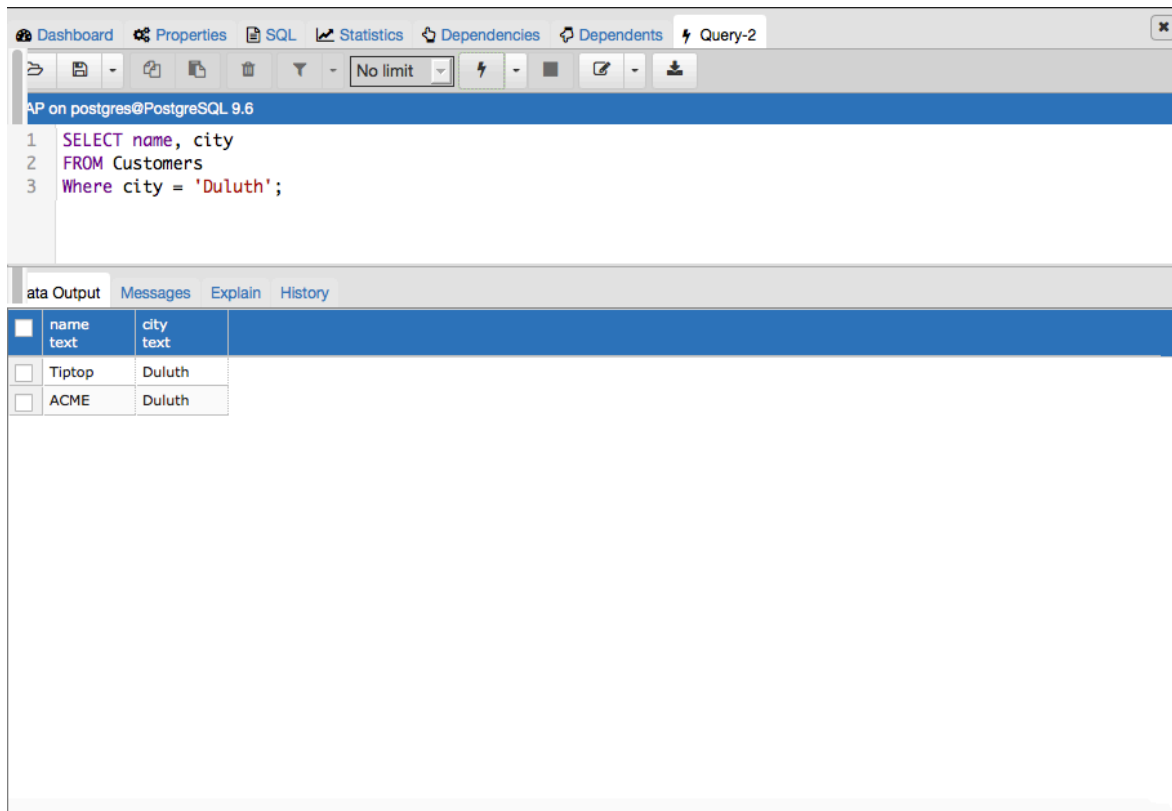
AP on postgres@PostgreSQL 9.6

```
1 SELECT pid, name, priceUSD
2 FROM Products
3 WHERE quantity > 200100;
```

ata Output Messages Explain History

	pid character	name text	priceusd numeric ...
<input type="checkbox"/>	p02	brush	0.5
<input type="checkbox"/>	p05	pencil	1
<input type="checkbox"/>	p08	eraser	1.25

Query Result 4



Dashboard Properties SQL Statistics Dependencies Dependents Query-2

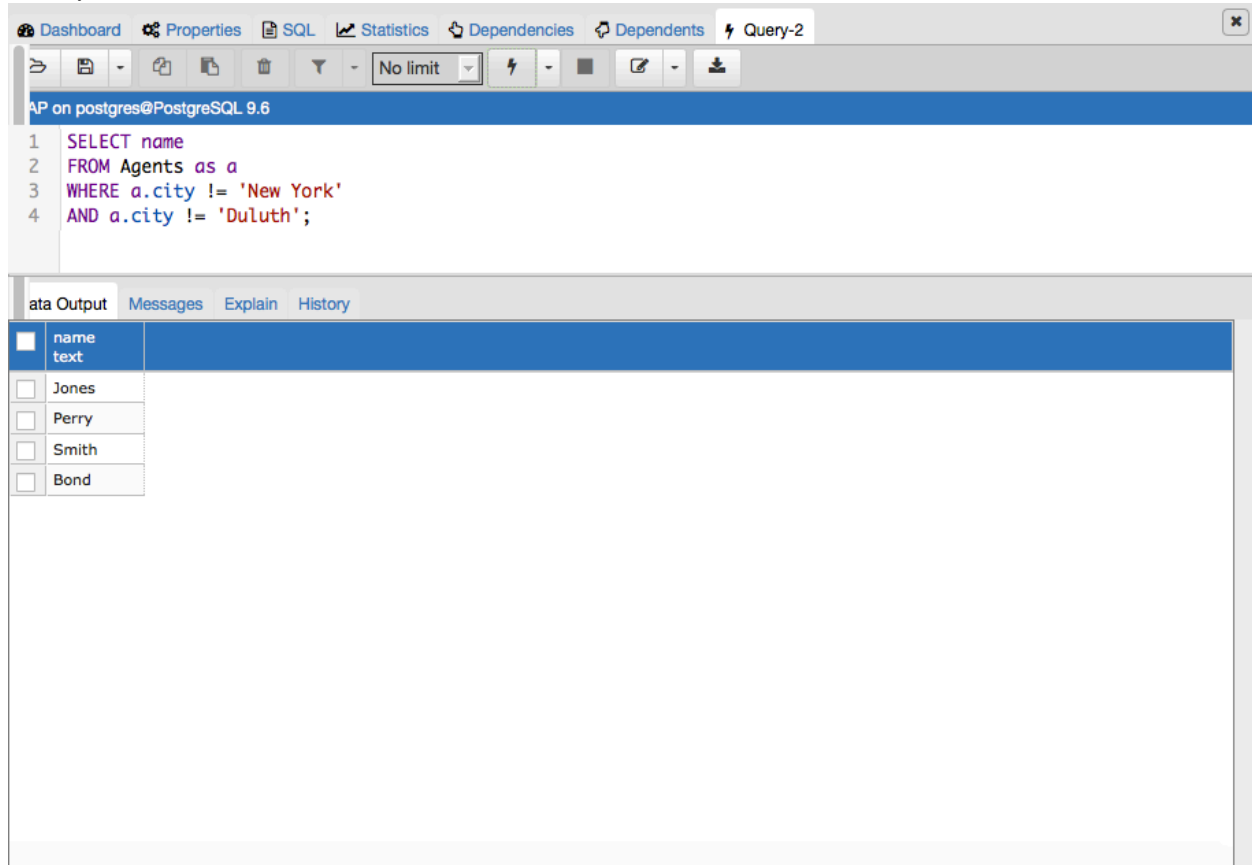
AP on postgres@PostgreSQL 9.6

```
1 SELECT name, city
2 FROM Customers
3 Where city = 'Duluth';
```

ata Output Messages Explain History

	name text	city text
<input type="checkbox"/>	Tiptop	Duluth
<input type="checkbox"/>	ACME	Duluth

Query Result 5



Dashboard Properties SQL Statistics Dependencies Dependents Query-2

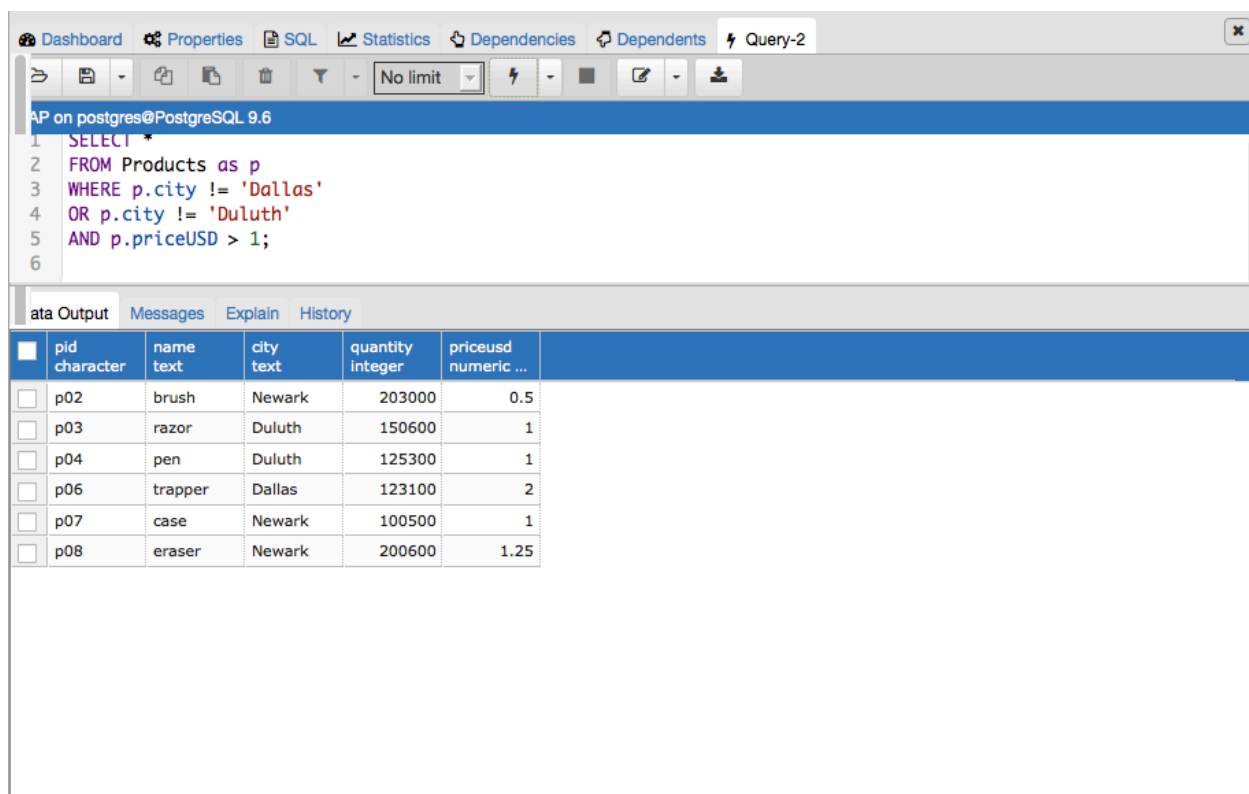
AP on postgres@PostgreSQL 9.6

```
1 SELECT name
2 FROM Agents as a
3 WHERE a.city != 'New York'
4 AND a.city != 'Duluth';
```

Data Output Messages Explain History

	name text
<input type="checkbox"/>	Jones
<input type="checkbox"/>	Perry
<input type="checkbox"/>	Smith
<input type="checkbox"/>	Bond

Query Result 6



Dashboard Properties SQL Statistics Dependencies Dependents Query-2

AP on postgres@PostgreSQL 9.6

```
1 SELECT *
2 FROM Products as p
3 WHERE p.city != 'Dallas'
4 OR p.city != 'Duluth'
5 AND p.priceUSD > 1;
6
```

Data Output Messages Explain History

	pid character	name text	city text	quantity integer	priceusd numeric ...
<input type="checkbox"/>	p02	brush	Newark	203000	0.5
<input type="checkbox"/>	p03	razor	Duluth	150600	1
<input type="checkbox"/>	p04	pen	Duluth	125300	1
<input type="checkbox"/>	p06	trapper	Dallas	123100	2
<input type="checkbox"/>	p07	case	Newark	100500	1
<input type="checkbox"/>	p08	eraser	Newark	200600	1.25

Query Result 7

Dashboard Properties SQL Statistics Dependencies Dependents Query-2

CAP on postgres@PostgreSQL 9.6

```
1 SELECT *
2 FROM Orders
3 WHERE month = 'Jan'
4 OR month = 'Feb';
```

ata Output Messages Explain History

	ordnumber integer	month character	cid character	aid character	pid character	qty integer	totalusd numeric ...
<input type="checkbox"/>	1011	Jan	c001	a01	p01	1000	450
<input type="checkbox"/>	1012	Jan	c002	a03	p03	1000	880
<input type="checkbox"/>	1015	Jan	c003	a03	p05	1200	1104
<input type="checkbox"/>	1016	Jan	c006	a01	p01	1000	500
<input type="checkbox"/>	1017	Feb	c001	a06	p03	600	540
<input type="checkbox"/>	1018	Feb	c001	a03	p04	600	540
<input type="checkbox"/>	1019	Feb	c001	a02	p02	400	180
<input type="checkbox"/>	1020	Feb	c006	a03	p07	600	600
<input type="checkbox"/>	1021	Feb	c004	a06	p01	1000	460

Query Result 8

Dashboard Properties SQL Statistics Dependencies Dependents Query-2

CAP on postgres@PostgreSQL 9.6

```
1 SELECT *
2 FROM Orders
3 WHERE month = 'Feb'
4 AND totalUSD >= 600;
```

ata Output Messages Explain History

	ordnumber integer	month character	cid character	aid character	pid character	qty integer	totalusd numeric ...
<input type="checkbox"/>	1020	Feb	c006	a03	p07	600	600

Query Result 9

DashboardPropertiesSQLStatisticsDependenciesDependentsQuery-2

No limit

AP on postgres@PostgreSQL 9.6

1SELECT *
2FROM Orders
3WHERE cid = 'C005';

Data OutputMessagesExplainHistory

	ordnumber integer	month character	cid character	aid character	pid character	qty integer	totalusd numeric ...	
--	----------------------	--------------------	------------------	------------------	------------------	----------------	-------------------------	--