

Transaction Control Language

The screenshot shows the pgAdmin 4 interface. The 'Query Editor' tab is active, displaying the following SQL query:

```
1 select * from users;
```

The 'Data Output' tab shows the results of the query in a table format. The table has 10 columns: **userid** (PK bigint), **email** (character varying (40)), **phone** (bigint), **pass_word** (character varying (10)), **fname** (character varying (30)), **lname** (character varying (30)), **city** (character varying (20)), **pincode** (character varying (6)), and **dob** (date). The results are as follows:

userid	email	phone	pass_word	fname	lname	city	pincode	dob
106	phoebe12@hotmail.com	7890923134	phoebs	Phoebe	Buffay	Denver	912300	1994-0
107	ross@gmail.com	5611261666	ross_12	Ross	Geller	Dallas	123000	1991-0
101	jess@hotmail.com	9190111000	abcde@21	Justin	Foley	LA	900013	1991-0
102	jessica@hotmail.com	7331190123	jejji	Jessica	Edgar	Chicago	123000	1992-0
105	monica@gmail.com	9134111000	mon@21	Monica	Bing	New York	810013	1992-0
103	joey@gmail.com	9012233444	joyyy	Joey	Tribiani	Chicago	127680	1993-0
104	chan@gmail.com	9045263444	chan12	Chandler	Bing	LA	810013	1992-1

The screenshot shows the pgAdmin 4 interface. The 'Query Editor' tab is active, displaying the following SQL query:

```
1 insert into users
2 values(108, 'gunther@gmail.com', 9000012345, 'gunther1', 'Gunther', 'Steven', 'New York', 602120, '1991-09-10', 'M'
3 );
4 select * from users;
5
```

The 'Data Output' tab shows the results of the query in a table format. The table has 10 columns: **userid** (PK bigint), **email** (character varying (40)), **phone** (bigint), **pass_word** (character varying (10)), **fname** (character varying (30)), **lname** (character varying (30)), **city** (character varying (20)), **pincode** (character varying (6)), and **dob** (date). The results are as follows:

userid	email	phone	pass_word	fname	lname	city	pincode	dob
106	phoebe12@hotmail.com	7890923134	phoebs	Phoebe	Buffay	Denver	912300	1994-0
107	ross@gmail.com	5611261666	ross_12	Ross	Geller	Dallas	123000	1991-0
101	jess@hotmail.com	9190111000	abcde@21	Justin	Foley	LA	900013	1991-0
102	jessica@hotmail.com	7331190123	jejji	Jessica	Edgar	Chicago	123000	1992-0
105	monica@gmail.com	9134111000	mon@21	Monica	Bing	New York	810013	1992-0
103	joey@gmail.com	9012233444	joyyy	Joey	Tribiani	Chicago	127680	1993-0
104	chan@gmail.com	9045263444	chan12	Chandler	Bing	LA	810013	1992-1
108	gunther@gmail.com	9000012345	gunther1	Gunther	Steven	New York	602120	1991-0

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File Object Tools Help

socialmediaDB/postgres@PostgreSQL 14 *

Query Editor Query History

```
1 insert into users
2 values(109, 'alex@gmail.com', 8900032123, 'alex654', 'Alex', 'Martin', 'LA', 800123, '1990-08-11', 'M' );
3
4 insert into users
5 values(110, 'px@gmail.com', 9900011222, 'px124', 'Pierson', 'Xavier', 'Denver', 710123, '1993-01-13', 'F' );
6
7 insert into users
8 values(111, 'zp@gmail.com', 7286549000, 'zpp3', 'Zoe', 'Pliea', 'LA', 800123, '1992-08-11', 'F' );
9
10 select * from users;
```

Data Output Explain Messages Notifications

	userid [PK] bigint	email character varying (40)	phone bigint	pass_word character varying (10)	fname character varying (30)	lname character varying (30)	city character varying (20)	pincode character varying (6)	dob date
5	105	monica@gmail.com	9134111000	mon@21	Monica	Bing	New York	810013	19
6	103	joey@gmail.com	9012233444	joyyy	Joey	Tribiani	Chicago	127680	19
7	104	chan@gmail.com	9045263444	chan12	Chandler	Bing	LA	810013	19
8	108	gunther@gmail.com	9000012345	gunther1	Gunther	Steven	New York	602120	19
9	109	alex@gmail.com	8900032123	alex654	Alex	Martin	LA	800123	19
10	110	px@gmail.com	9900011222	px124	Pierson	Xavier	Denver	710123	19
11	111	zp@gmail.com	7286549000	zpp3	Zoe	Pliea	LA	800123	19

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Query Editor Query History

```
1 rollback to s1;
2
3 select * from users;
```

Data Output Explain Messages Notifications

	userid [PK] bigint	email character varying (40)	phone bigint	pass_word character varying (10)	fname character varying (30)	lname character varying (30)	city character varying (20)	pincode character varying (6)	dob date
1	106	phoebe12@hotmail.com	7890923134	phoebs	Phoebe	Buffay	Denver	912300	199
2	107	ross@gmail.com	5611261666	ross_12	Ross	Geller	Dallas	123000	199
3	101	jess@hotmail.com	9190111000	abcde@21	Justin	Foley	LA	900013	199
4	102	jessica@hotmail.com	7331190123	jejji	Jessica	Edgar	Chicago	123000	199
5	105	monica@gmail.com	9134111000	mon@21	Monica	Bing	New York	810013	199
6	103	joey@gmail.com	9012233444	joyyy	Joey	Tribiani	Chicago	127680	199
7	104	chan@gmail.com	9045263444	chan12	Chandler	Bing	LA	810013	199
8	108	gunther@gmail.com	9000012345	gunther1	Gunther	Steven	New York	602120	199

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Query Editor Query History

```
1 rollback;
2
3 select * from users;
```

Data Output Explain Messages Notifications

	userid [PK] bigint	email character varying (40)	phone bigint	pass_word character varying (10)	fname character varying (30)	lname character varying (30)	city character varying (20)	pincode character varying (6)	dob date
1	106	phoebe12@hotmail.com	7890923134	phoebs	Phoebe	Buffay	Denver	912300	1994-
2	107	ross@gmail.com	5611261666	ross_12	Ross	Geller	Dallas	123000	1991-
3	101	jess@hotmail.com	9190111000	abcde@21	Justin	Foley	LA	900013	1991-
4	102	jessica@hotmail.com	7331190123	jejjj	Jessica	Edgar	Chicago	123000	1992-
5	105	monica@gmail.com	9134111000	mon@21	Monica	Bing	New York	810013	1992-
6	103	joey@gmail.com	9012233444	joyyy	Joey	Tribiani	Chicago	127680	1993-
7	104	chan@gmail.com	9045263444	chan12	Chandler	Bing	LA	810013	1992-
8	108	gunther@gmail.com	9000012345	gunther1	Gunther	Steven	New York	602120	1991-
9	109	alex@gmail.com	8900032123	alex654	Alex	Martin	LA	800123	1990-
10	110	px@gmail.com	9900011222	px124	Pierson	Xavier	Denver	710123	1993-
11	111	zp@gmail.com	7286549000	zpp3	Zoe	Pllea	LA	800123	1992-

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