1. **Create a table named ‘matches’ with appropriate data types for columns.**

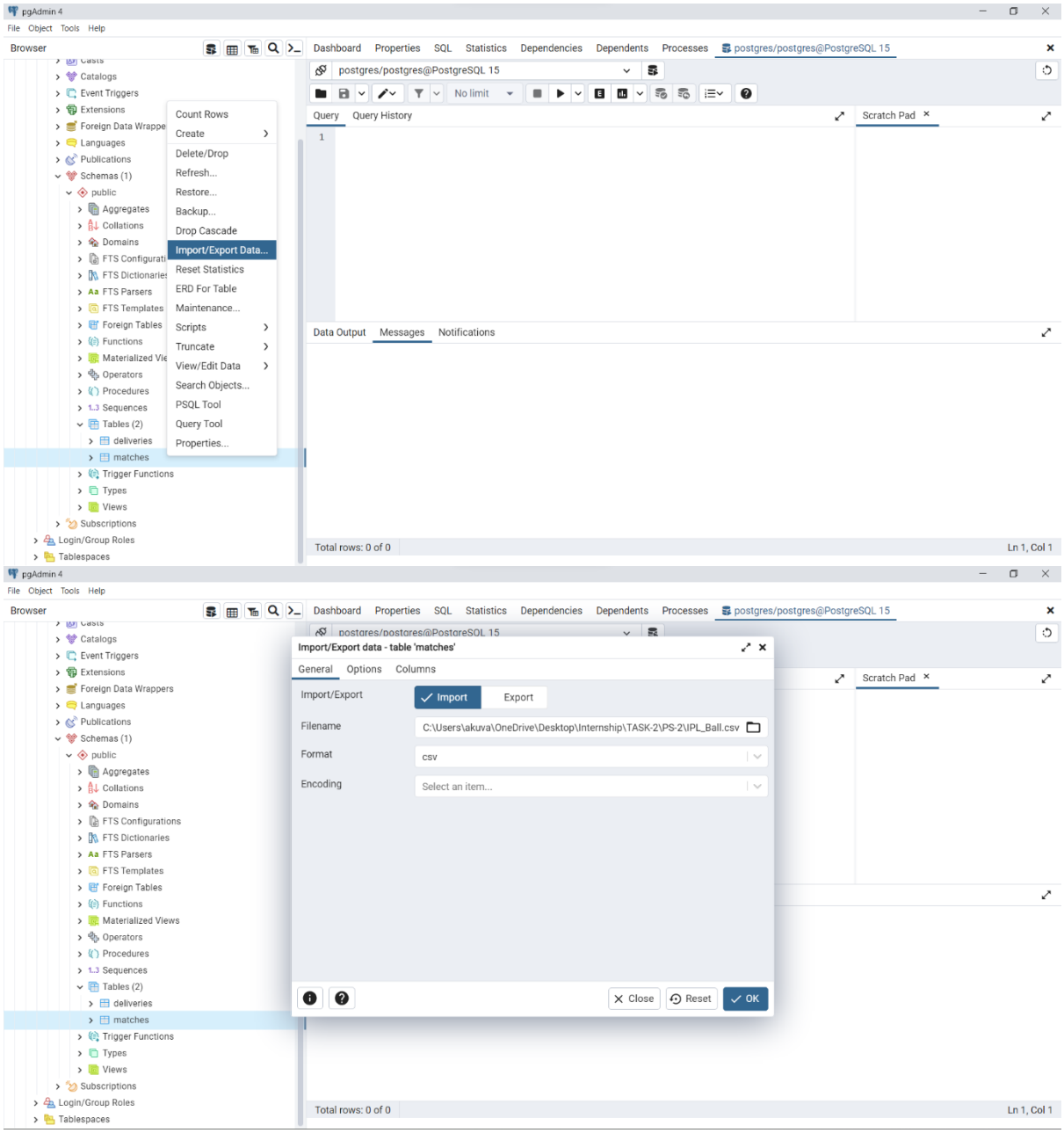
```
CREATE TABLE matches(
id INT PRIMARY KEY,
city VARCHAR(40),
date DATE,
player_of_match VARCHAR(40),
venue VARCHAR(80),
neutral_Venue INT,
team1 VARCHAR(80),
team2 VARCHAR(80),
toss_winner VARCHAR(80),
toss_decision VARCHAR(20),
winner VARCHAR(80),
result VARCHAR(40),
result_margin INT,
eliminator VARCHAR(10),
method VARCHAR(10),
umpire1 VARCHAR(40),
umpire2 VARCHAR(40)
);
```

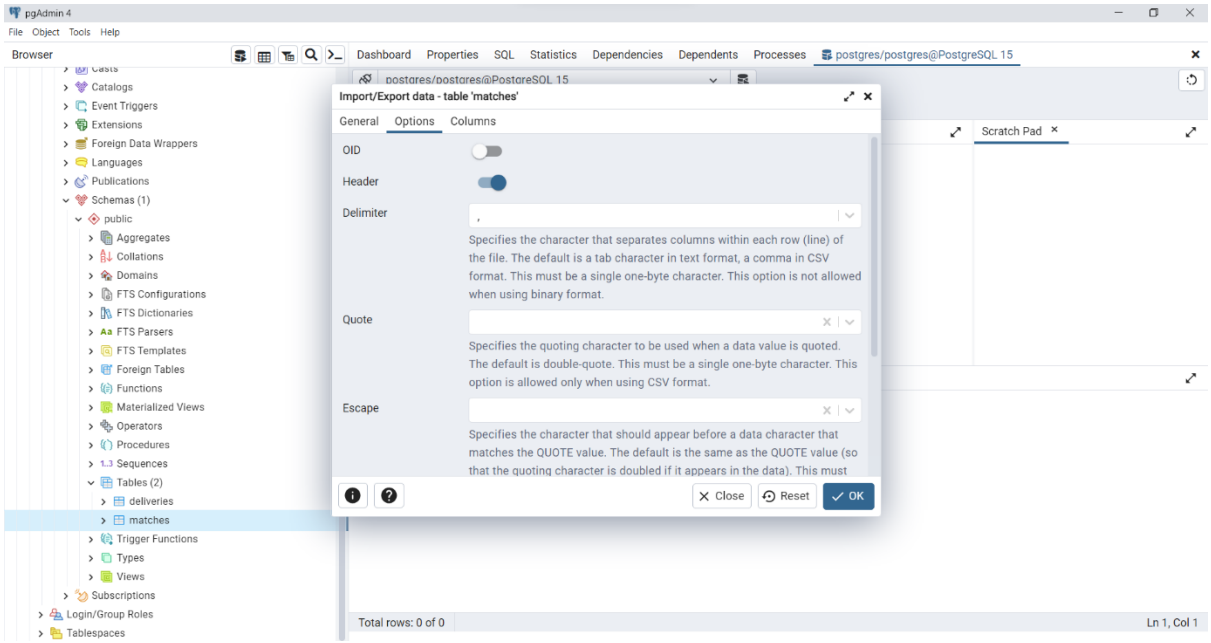
2. **Create a table named ‘deliveries’ with appropriate data types for columns.**

```
CREATE TABLE deliveries (
id INT,
inning INT,
over INT,
ball INT,
batsman VARCHAR(40),
non_striker VARCHAR(40),
bowler VARCHAR(40),
batsman_runs INT,
extra_runs INT,
total_runs INT,
is_wicket INT,
dismissal_kind VARCHAR(40),
player_dismissed VARCHAR(40),
fielder VARCHAR(100),
extras_type VARCHAR(40),
```

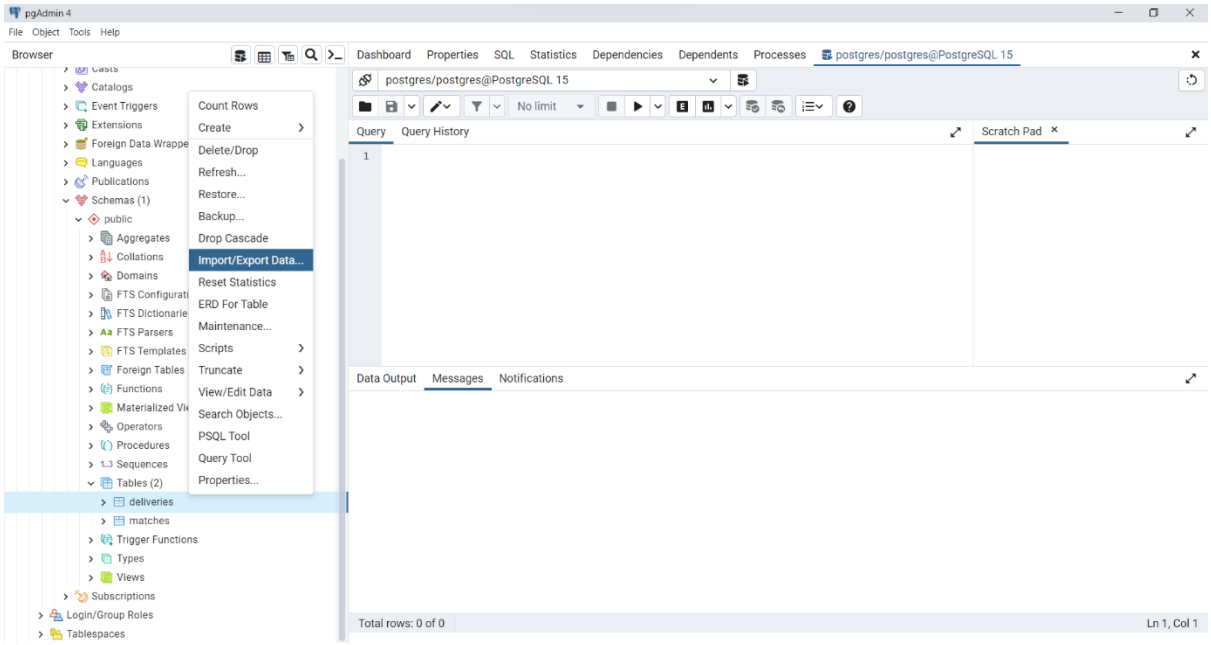
batting_team VARCHAR(40),
bowling_team VARCHAR(40),
FOREIGN KEY(id) REFERENCES matches(id)
);

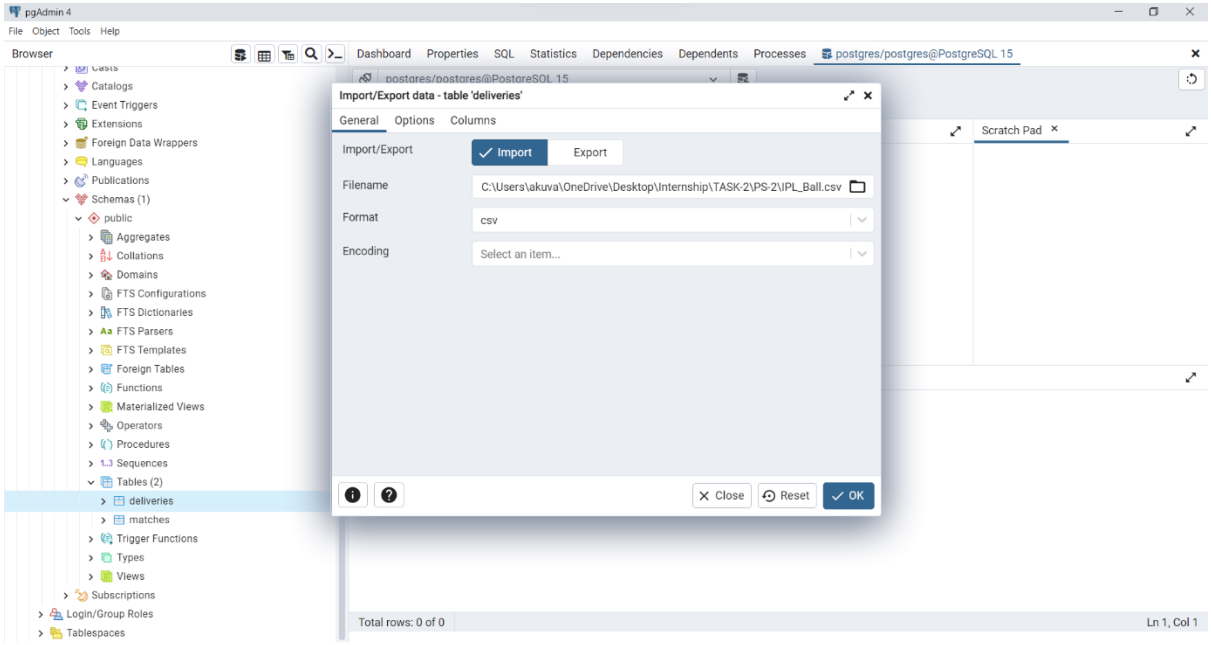
3. **Import data from CSV file 'IPL_matches.csv' attached in resources to 'matches'**

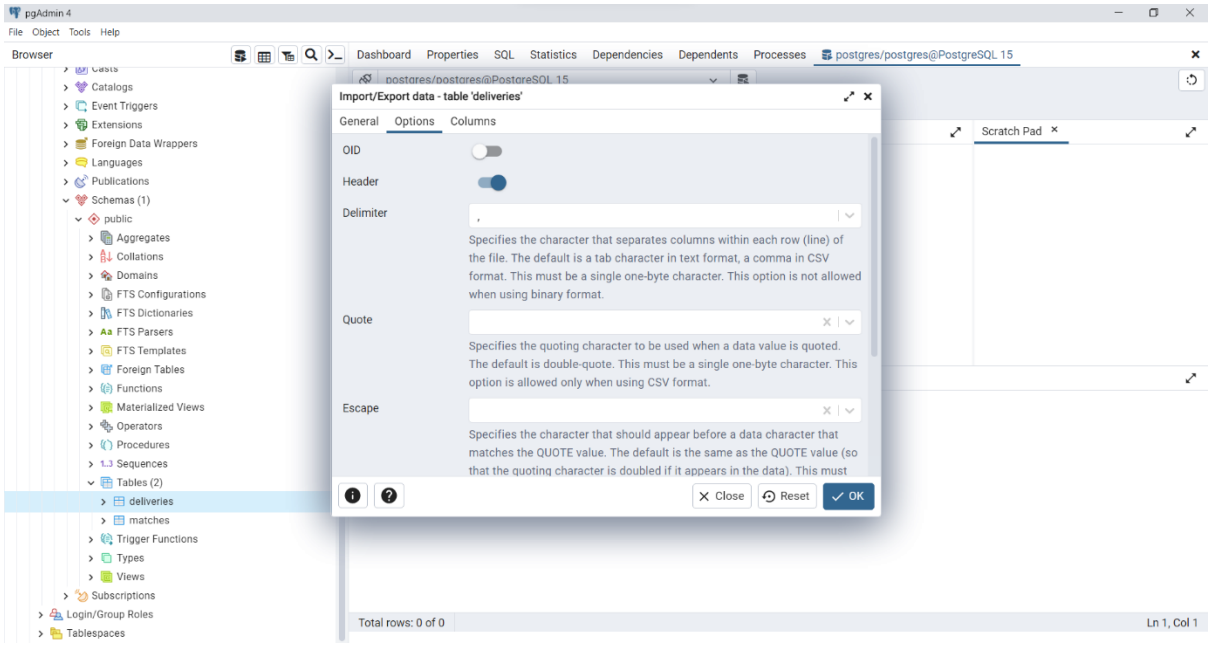



pgAdmin 4
File Object Tools Help
Browser
Dashboard Properties SQL Statistics Dependencies Dependents Processes postgres/postgres@PostgreSQL 15
Import/Export data - table 'matches'
General Options Columns
OID
Header
Delimiter
Specifies the character that separates columns within each row (line) of the file. The default is a tab character in text format, a comma in CSV format. This must be a single one-byte character. This option is not allowed when using binary format.
Quote
Specifies the quoting character to be used when a data value is quoted. The default is double-quote. This must be a single one-byte character. This option is allowed only when using CSV format.
Escape
Specifies the character that should appear before a data character that matches the QUOTE value. The default is the same as the QUOTE value (so that the quoting character is doubled if it appears in the data). This must
Close
Reset
OK
Scratch Pad
Total rows: 0 of 0
Ln 1, Col 1

4. **Import data from CSV file ’IPL_Ball.csv’ attached in resources to ‘deliveries’**
5.







6. **Select the top 20 rows of the deliveries table.**

```
select *from deliveries LIMIT 20;
```

7. **Select the top 20 rows of the matches table.**

```
select *from matches LIMIT 20;
```

8. **Fetch data of all the matches played on 2nd May 2013.**

```
select * from matches where date='02-05-2013';
```

9. **Fetch data of all the matches where the margin of victory is more than 100 runs.**

```
select *from matches where result_margin>100;
```

10. **Fetch data of all the matches where the final scores of both teams tied and order it in descending order of the date.**

```
select *from matches where result='tie' order by date DESC;
```

11. **Get the count of cities that have hosted an IPL match.**

```
select count(distinct city)from matches;
```