

Xiaoting Lian

CISC 3140

## LAB 5

QUESTION: "how many Condo was sold?"

DATASET: [Sacramento real estate transactions](#)

ANSWER: 54 Condos were sold

Summary: I connected to school linux server, I tried to use sqlite3, but I am not be able to access csv files in the system and I was thinking about to do some PSQL queries, but I don't know to get into PSQL and PSQL queries in school server. therefore, I decided to do it in local, I had to install PSQL in my machine.

Log:

```
CREATE TABLE realestate(  
street VARCHAR(255),  
city VARCHAR(255),  
zip INT,  
state CHAR,  
beds INT,  
baths INT,  
sqft INT,  
type VARCHAR(50),  
saledate VARCHAR(50),  
price INT);  
  
COPY realestate( street, city, zip, state, beds, baths, sqft, type, saledate)  
FROM 'C:\Users\lian1\Desktop\realestate.csv'  
DELIMITER ','  
CSV HEADER;  
  
ALTER TABLE realestate  
ALTER COLUMN state text;  
  
postgres=# SELECT COUNT(*) FROM realestate("condo");  
ERROR: column "condo" does not exist
```

```
第 1 行 SELECT COUNT(*) FROM realestate("condo");
```

^

```
postgres=# SELECT COUNT(*) FROM realestate('condo');
```

```
ERROR: function realestate(unknown) does not exist
```

```
第 1 行 SELECT COUNT(*) FROM realestate('condo');
```

^

提示: No function matches the given name and argument types. You might need to add explicit type casts.

```
postgres=# SELECT COUNT(*) FROM realestate
```

```
postgres=# WHERE type = 'condo';
```

```
count
```

```
-----
```

```
0
```

```
postgres=# SELECT COUNT(*) FROM realestate
```

```
postgres=# WHERE type = 'Condo';
```

```
count
```

```
-----
```

```
54
```