Xiaoting Lian

CISC 3140

LAB 5

QUESTION: “how many Condo was sold?”

DATASET: [Sacramento real estate transactions](https://support.spatialkey.com/wp-content/uploads/2021/02/Sacramentorealestatetransactions.csv)

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,

sqrt INT,

type VARCHAR(50),

saledate VARCHAR(50),

price INT);

COPY realestate( street, city, zip, state, beds, baths, sqrt, 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