-- Creating tables for FinalProjectDB

CREATE TABLE Population\_2019 (

state\_name VARCHAR(20) NOT NULL,

popestimate INT NOT NULL,

lat NUMERIC NOT NULL,

long NUMERIC NOT NULL,

PRIMARY KEY (state\_name)

);

SELECT \* FROM Population\_2019

CREATE TABLE Population\_2020 (

state\_name VARCHAR(20) NOT NULL,

state\_id VARCHAR(5) NOT NULL,

census\_2020 INT NOT NULL,

percent\_of\_total NUMERIC NOT NULL,

FOREIGN KEY (state\_name) REFERENCES Population\_2019 (state\_name),

PRIMARY KEY (state\_name, state\_id)

);

SELECT \* FROM Population\_2020

CREATE TABLE Population\_2021 (

state\_name VARCHAR(20) NOT NULL,

pop\_1990 INT NOT NULL,

pop\_2000 INT NOT NULL,

pop\_2010 INT NOT NULL,

pop\_2020 INT NOT NULL,

pop\_2021 INT NOT NULL,

change2020\_21 NUMERIC NOT NULL,

FOREIGN KEY (state\_name) REFERENCES Population\_2019,

PRIMARY KEY (state\_name)

);

SELECT \* FROM Population\_2021

CREATE TABLE Zillow (

state\_name VARCHAR(20) NOT NULL,

jan19 INT NOT NULL,

feb19 INT NOT NULL,

mar19 INT NOT NULL,

apr19 INT NOT NULL,

may19 INT NOT NULL,

jun19 INT NOT NULL,

jul19 INT NOT NULL,

aug19 INT NOT NULL,

sep19 INT NOT NULL,

oct19 INT NOT NULL,

nov19 INT NOT NULL,

dec19 INT NOT NULL,

jan20 INT NOT NULL,

feb20 INT NOT NULL,

mar20 INT NOT NULL,

apr20 INT NOT NULL,

may20 INT NOT NULL,

jun20 INT NOT NULL,

jul20 INT NOT NULL,

aug20 INT NOT NULL,

sep20 INT NOT NULL,

oct20 INT NOT NULL,

nov20 INT NOT NULL,

dec20 INT NOT NULL,

jan21 INT NOT NULL,

feb21 INT NOT NULL,

mar21 INT NOT NULL,

apr21 INT NOT NULL,

may21 INT NOT NULL,

jun21 INT NOT NULL,

jul21 INT NOT NULL,

FOREIGN KEY (state\_name) REFERENCES Population\_2019 (state\_name),

PRIMARY KEY (state\_name)

);

SELECT \* FROM Zillow

CREATE TABLE RDC\_state\_metrics (

report\_date VARCHAR(10) NULL,

state\_name VARCHAR(20) NOT NULL,

state\_id VARCHAR(5) NOT NULL,

median\_listing\_price INT NOT NULL,

average\_listing\_price INT NOT NULL,

median\_listing\_price\_per\_square\_foot INT NOT NULL,

median\_square\_feet INT NOT NULL,

total\_listing\_count INT NOT NULL,

active\_listing\_count INT NOT NULL,

new\_listing\_count INT NOT NULL,

price\_increased\_count INT NOT NULL,

price\_reduced\_count INT NOT NULL,

pending\_listing\_count INT NOT NULL,

median\_days\_on\_market INT NOT NULL,

FOREIGN KEY (state\_name) REFERENCES Population\_2019 (state\_name),

PRIMARY KEY (report\_date, state\_name, state\_id)

);

SELECT \* FROM RDC\_state\_metrics