P3

-- Drop the table if it exists

DROP TABLE IF EXISTS climate\_data;

-- Create the table

CREATE TABLE climate\_data (

date timestamp,

location varchar(255),

country varchar(255),

temperature numeric,

co2\_emissions numeric,

sea\_level\_rise numeric,

precipitation numeric,

humidity numeric,

wind\_speed numeric

);

SELECT \*

FROM climate\_data;

COPY climate\_data

( date, location, country, temperature, co2\_emissions, sea\_level\_rise, precipitation, humidity, ind\_speed)

FROM C:\Users\INBA6454\Documents\My SugarSync\Continuous Improvement\UCB Data Analytics Bootcamp\Lecture\Project3\Resources\cleaned\_Climate\_data.csv'

DELIMITER ','

CSV HEADER;

ALTER TABLE climate\_data ADD COLUMN year INTEGER;

UPDATE climate\_data SET year = EXTRACT(YEAR FROM date);

SELECT \*, EXTRACT(YEAR FROM date) AS year FROM climate\_data;

SELECT year, country -- min(temperature), max(temperature)

FROM climate\_data

ORDER BY year, country;

-- Querry to get min & max temp per year for each country and location

SELECT year, country, location, min(temperature), max(temperature), avg(temperature)

FROM climate\_data

GROUP BY country, location, year

ORDER BY year, country, location;

-- Querry to get min & max temp per year for each country and location

SELECT year, country, min(temperature), max(temperature), avg(temperature)

FROM climate\_data

GROUP BY year, country

ORDER BY year, country;

-- Querry to get min & max temp per year for each country and location

SELECT temperature, year, country, location

FROM climate\_data

GROUP BY country, location, year, temperature

ORDER BY temperature;