IOT ASSIGNMENT 3

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18097

I installed postgre sql but the time series db couldn't work on my device , so I used a cloud provider for TimeSeriesDB .

1.

Create a database with a name, “Weatherdata”

CREATE DATABASE WEATHERDATA;

CREATE EXTENSION IF NOT EXISTS timescaledb;

2.

Within “Weatherdata”, create a hypertable with a name, “weather

table”

CREATE TABLE weather\_table (id INT NOT NULL, time TIMESTAMPTZ NOT NULL, temperature\_site1 DOUBLE PRECISION NULL, humidity\_site1 DOUBLE PRECISION NULL, temperature\_site2 DOUBLE PRECISION NULL, humidity\_site2 DOUBLE PRECISION NULL);

3.

Insert the attached CSV (i.e., weather

data

2sites.csv) file in the weather

table

one row at a time.

INSERT INTO weather\_table(id, time, temperature\_site1, humidity\_site1, temperature\_site2, humidity\_site2)

VALUES (0,'01/03/2018 00:00:00',NULL,NULL,23.1,61.6);

4.

Print first five and the last five rows of the “weather

table

SELECT \* FROM weather\_table ORDER BY time DESC LIMIT 5;

SELECT \* FROM weather\_table ORDER BY time ASC LIMIT 5 WHERE id<5;

