**BDA Assignment 1**

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**GitHub Profile:** <https://github.com/BilalNaseem1>

**GitHub Repository containing assignment 1 Files:** <https://github.com/BilalNaseem1/Big-Data-Analytics-IBA-Spring-23/tree/main/Assignments/Assignment%201%20-%20Getting%20to%20know%20Docker>

**Video Link:** <https://youtu.be/XMUKA4Lnm8Q>

**List of Commands used in the video:**

**Running Postgres in Docker Container**

docker pull postgres

docker run --name postgres -d -p 2022:5432 -e POSTGRES\_PASSWORD=postgres -d postgres

**Checking Container Status**

docker ps

psql -U postgres

**Getting list of Tables**

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**Creating a Database**

CREATE DATABASE weather;

**Creating a Table**

CREATE TABLE temp (

city varchar(80),

temp\_lo int, -- low temperature

temp\_hi int, -- high temperature

prcp real, -- precipitation

date date

);

**Populating the Table**

INSERT INTO temp VALUES ('San Francisco', 46, 56, 0.25, '2023-11-27');

INSERT INTO temp VALUES ('New York', 50, 46, 0.32, '2022-10-13');

INSERT INTO temp VALUES ('Seattle', 32, 40, 0.19, '2020-09-12');