Readme

This project is designed to look at weather data from Hawaii. It pulls data from a Hawaii sqlite file. The file contains weather stations and their locations, dates, recorded temperatures, and recorded precipitation.

Using SQLAlchemy ORM queries, the following analysis is performed in the file **Hawaii\_climate\_analysi**s file:

* A retrieval of the past year’s precipitation data (graphed)
* What are the total number of stations?
* What are the total number of observations per station? What is the most active station?
* A retrieval of the past year’s observations for the most active station (histogram plot)

Then, using Flask, an API is created to display the queries that were created. This is found in the **app.py** file.