

## Step 3 - Climate Analysis

Clint Goodman

```
In [1]: #Set environment
import matplotlib
from matplotlib import style
style.use('seaborn')
import matplotlib.pyplot as plt

import pandas as pd
import numpy as np
from sqlalchemy import create_engine, inspect, and_
from sqlalchemy.ext.automap import automap_base
from sqlalchemy.orm import Session
```

```
In [2]: #Create database, setup connection to database, create ORM classes for se

engine = create_engine('sqlite:///Resources/hawaii.sqlite')
conn = engine.connect()
Base = automap_base()
Base.metadata.create_all(engine)
Base.prepare(engine, reflect=True)
```

```
In [3]: #verify the names of the tables in the database
#Base.classes.keys()
```

```
In [4]: Measurement = Base.classes.measurements
Station = Base.classes.stations
session = Session(bind=engine)
inspector = inspect(engine)
```