# SQLALCHEMY-Challenge

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### Overview of Project

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For this project, our cohort imagined we were going on a trip to Honolulu, Hawaii. This is a climate analysis of the area to help with our trip planning. A precipitation analysis looks at the precipitation metrics over the previous year. An analysis of the stations looks at the same 12-month period of temperature observations for those weather stations.

### This Project was Built Utilizing:

\* [![sqlalachemy logo](SurfsUp/Images/sql\_alch\_logo.jpg “SQL Alchemy logo”)]( https://www.sqlalchemy.org/)

\* [![Flask app logo](SurfsUp/Images/flask\_app.png “Flask app logo”)]( https://flask.palletsprojects.com/en/2.3.x/)

\* [![Pandas Logo](SurfsUp/Images/pandas.png “Pandas logo”)]( https://pandas.pydata.org/docs/)

\* [![Matplotlib Logo](SurfsUp/Images/matplotlib.png “Matplotlib logo”)]( https://matplotlib.org/stable/index.html)

\* [![Numpy Logo](SurfsUp/Images/numpy.png “Numpy Logo”)]( https://numpy.org/doc/)

\* [![Python Logo](SurfsUp/Images/python\_logo.png "python logo")](https://www.python.org/)

\* [![Jupyter Logo](SurfsUp/Images/Jupyter\_logo.png "Jupyter logo")](https://jupyter.org/)

### Acknowledgements

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\* Contributors:

- Study Groups: Collaborated with multiple students to better understand the project.

- Students: Katie Djhan, Vinny Shankar, Hany Dief

- Program: UC Berkeley Extension Data Analytics Bootcamp

- Starter Code: Starter code was provided.

- Instructor: Ahmad Sweed

- Tutor: Kourt Bailey

- Reference Data:

- [Flask Mega-Tutorial]( <https://blog.miguelgrinberg.com/post/the-flask-mega-tutorial-part-i-hello-world>)

- [Book:Essential SQLAlchemy]( <http://shop.oreilly.com/product/0636920035800.do>)