

KEVIN ZAVALA


DATA ANALYSIS

ABOUT ME

I am a software and data enthusiast that strives to foster creative solutions that will better the world in which we live. I hope to integrate my background of biology and environmental science into my career as a data analyst and aid organizations and companies on their quest for a more sustainable future.

CONTACT

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TECHNICAL SKILLS

- Excel
- SQL
- GIT/GITHUB
- Tableau
- Python
- Zoom/Slack
- Power BI

PROJECTS

Lahman Baseball

This project used the data from Sean Lahman. The data base extended from 1999 to current timeline. Being asked multiple questions with SQL queries in order to find the answer.

TECH USED: Sql, Excel Power Pivot

Eco-Travel Capstone

This personal project seeks to provide a database/guide for those who wish to travel the world in a ecological conscious manner. Providing locations that are low in carbon footprint and free from over-tourism

TECH USED: Sql, Python, PowerBI

EDUCATION

Nashville Software School

Certificate; Data Analytics Bootcamp

University of Illinois, Urbana-Champaign

B.S. in Integrative Biology and

Entomology

TECHNICAL EXPERIENCE

Data Analyst

Nashville Software School | Sept 2022 - Jan 2023

Intensive full-time bootcamp focusing on data analytics fundamentals and problem solving. Used real-world datasets and included projects where findings were presented to stakeholders from the community.

- Analyzed data using Microsoft Excel, including utilizing pivot tables and lookups, and connected to external data sources using the PowerPivot add-on
- Built and deployed dashboards using Tableau and PowerBI
- Wrangled data and performed exploratory data analysis using Python's pandas library
- Created data visualizations using matplotlib and seaborn
- Gathered data through APIs and webscraping
- Performed geospatial analysis using geopandas and folium
- Retrieved and analyzed data using PostgreSQL and sqlalchemy
- Source code version control with Git/GitHub
- Project management/tracking with GitHub project boards and issue tracking

PROFESSIONAL EXPERIENCE

Siege

Hospitality specialist | March 2022-Current

- Provides customers with exceptional customer service and satisfaction
- Handles guest problems or emergencies. Establishes payment methods for guest.
- Receives hands-on experience in trade by hosting dinners, interior decorating, and providing hospitality.

The Optimist

Server | July 2021 - March 2022

- Provided wine presentations and recommendations to a discerning clientele
- Maintained detailed knowledge of menu items and ingredients to drive sales
- Utilized a personal system to organize customers' orders and provide excellent service

Washington University, St. Louis

Research assistant | May 2019 - August 2019

- Maintained populations of fruit flies and bees for genetic research purposes
- Collected and reviewed data from experiments and kept them organized via Excel
- Worked alongside other scientists in a wet lab that required strict adherence to lab protocols and procedures.

University of Illinois, Urbana-Champaign

Research assistant | August 2016 - August 2019

- Conducted complex biological experiments that resulted in large quantities of data
- Collected, cleaned, and analyzed data from several experiments conducted
- Implemented data analysis techniques in Excel to increase the efficiency of data collection from test subjects