

Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, Matplotlib)
- Tableau
- Microsoft Excel (VLookup, Conditional Formatting, Pivot Tables)
- MATLAB
- Microsoft Power BI

Projects

RESTAURANT SALES PYTHON PROJECT – Personal Project – Tucson, AZ May 2024

- Utilized **Python** to analyze pizza restaurant sales and inventory data to gain insight into sales outcomes
- Implemented merge, grouping, and aggregating techniques to comb through and identify key sales trends
- Aggregated and visualized the data by using **pandas**, **matplotlib** and **seaborn** to show important takeaways

GENERAL HEALTH DASHBOARD – Personal Project – Tucson, AZ January 2024

- Created a dashboard with **Tableau** to compare health outcomes across different variables
- Transformed and processed tables by using Excel to ensure data completeness and validity
- Joined different datasets to display measures across variables in different datasets

GENERAL HEALTH ANALYSIS – Personal Project – Tucson, AZ December 2023

- Utilized **SQL** to extract data from 2 different public health-related databases **UNION** and **CTEs**
- Transformed and filtered data by using aggregating and filtering function to quantify and assess health information
- Visualized data with **Tableau** to identify key trends that illustrate important areas for public health intervention

Work Experience

BUSINESS ANALYST (CONTRACT) – Arizona State University – Phoenix, AZ January 2024 – April 2024

- Sourced, compiled, and interpreted data using **SQL**. Produced reports based on data analysis and industry trends
- Developed and maintain **Tableau** dashboards to provide insights into business performance
- Consulted with stakeholders to understand their data needs and determine the best metrics to be displayed on final product

GRADUATE RESEARCH ASSOCIATE – University of Arizona – Tucson, AZ August 2019 – January 2021

- Collected data on from academic research on military medicine in civilian care services and patient outcomes in transgender surgery procedures
- Transformed and processed data in Excel in order to create literature review of studies about surrogacy and surgery outcomes

NEW START INSTRUCTOR / TEACHING ASSISTANT – University of Arizona – Tucson, AZ 2017 - 2022

- Transformed and analyzed student information data in Excel to assist in student placement and course design
- Collected and processed course data across student summer programs to assess student and program outcomes
- Led multiple university courses on social scientific study of science, economics, and culture

Education

DOCTOR OF PHILOSOPHY – University of Arizona – Tucson, AZ 2017-2024

Completed 100 credits and achieved Advanced Status toward Ph.D. in Anthropology

MASTER OF ARTS – Columbia University – New York, NY 2017

Major: Anthropology

BACHELOR OF ARTS – Columbia University – New York, NY 2016

Majors: Biophysics, Biological Sciences