

Jessi Wu

347-683-9939 • jessiwu5@gmail.com • linkedin.com/in/jessi-wu/ • jessz5.github.io

SKILLS

Programming Languages:

Python, JavaScript, HTML/CSS, SQL, Java

Data Analytics:

Microsoft Excel/Google Sheets, Tableau

Certifications:

Coursera Google Data Analytics Certificate

PROJECTS

NYS Influenza Analysis

Jan 2024

- Conducted exploratory data analysis on New York State's influenza outbreak data, leveraging Python and Pandas in Google Colab for dataset cleaning, focusing on 2023-2024 season across NYS Department of Health sources.
- Addressed data integrity in two key datasets containing 4,836 cases and 33,430 hospitalizations by resolving missing values and duplicates, and filtering and merging datasets into a cohesive set of 2,672 rows for in-depth analysis.
- Developed an interactive Tableau dashboard to illustrate influenza incidence rates, showcasing trends in cases and hospitalizations across various age groups, regions, and counties.
- Identified significant patterns in influenza data, including a consistent upward trend in cases and hospitalizations, with a notable spike in Week 50 and highest hospitalization rates observed in 65+ age group.

NYC Eviction Rates Analysis

Apr 2023

- Analyzed approximately 70,000 eviction cases in NYC from 2017 to 2022 using the 'Evictions' dataset from NYC Open Data, performing exploratory data analysis to uncover patterns and inform equitable housing policies.
- Prepared and refined 'Evictions' dataset in Python and Pandas within Google Colab, eliminating 7,083 entries to enhance dataset integrity for thorough analysis and engaging storytelling.
- Utilized Tableau for visualizing eviction trends, crafting a bar chart for temporal trends, a pie chart for borough distribution, and heat maps for pinpointing eviction hotspots and spatial-temporal patterns.
- Incorporated additional research, such as the COVID-19 Tenant Protection Act and demographic factors, into analysis to provide comprehensive recommendations for equitable housing solutions in low-income NYC areas.

EXPERIENCE

University at Buffalo

Buffalo, NY

Student Assistant

Sept 2021 - May 2022

- Facilitated daily entry for 100+ students at the University at Buffalo Academic Success Centers, ensuring secure access to study resources, computers, and academic support services, fostering a thriving academic environment.
- Provided information on university's Tutoring and Academic Support Services and assisted an average of 20 students per week in scheduling tutoring sessions.
- Maintained and serviced 3 printer workstations, addressing technical issues to minimize downtime to ensure continuous availability for student and staff needs.

Cultured Kids Cuisine

New York, NY

Creative Design Intern

Jul 2021 - Aug 2021

- Created 2-3 weekly Instagram posts featuring virtual cooking workshops, showcasing images of upcoming dishes, event details, and Eventbrite links, exposing children to nutritious options to promote cultural awareness and appreciation.
- Orchestrated task management for a 15-member design team using Trello, enhancing project efficiency by categorizing tasks, tracking progress, and attaching completed visuals for streamlined team collaboration.
- Executed outreach campaigns, distributing templated messages and flyers to 50+ schools and parents weekly, promoting services via email/social media platforms, and contributing to increased community awareness and participation.

EDUCATION

University at Buffalo, The State University of New York

Aug 2018 - May 2022

Bachelor of Science in Computer Science: GPA: 3.65/4.0

COOP Careers

Feb 2023 - Jun 2023

Data Analytics Apprentice