

# Kenya Chauche *Data Analyst* | [kenyachauche@gmail.com](mailto:kenyachauche@gmail.com) | 858 602 9766 | Seattle, WA

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## Certification & Education

**General Assembly** -- *Certificate, Data Science*

2019 - 2020

Over 600 hours of training in industry leading tools, data analysis, data extraction, modeling, code review, machine learning, and visualization. Techniques from training were applied to real-world datasets and client projects.

**University of Washington** -- *Bachelor of Science (B.S.), Ecology and Conservation*

2013 - 2017

Coursework involved research, labwork, data collection, data formatting, and data analysis using R. English Literature Minor.

## Experience

**Data Analytics Teaching Assistant, General Assembly** -- Seattle, WA

May 2020 - Present

- Instruct students and lead demos on Excel, SQL, and Tableau
- Instruct students in data preparation, data transformation, and analysis workflows
- Develop instructional materials and perform student assessments
- Host office hours to troubleshoot student code and perform ad-hoc analysis

**Data Analyst (Freelance), Camano Island Fire Department (CAMF) and Mary's Place** -- Seattle, WA

Feb 2020, May 2020 - Present

Present

- Clean, analyze, and visualize CAMF incident response time data to identify trends and inform scheduling decisions
- Design and develop tools to support more efficient analysis and inform CAMF scheduling decisions
- Create visuals and dashboards in Tableau to illustrate CAMF resource usage and communicate insights directly to stakeholders
- Work directly with Mary's Place stakeholders to define project deliverables and identify client needs

**Shift Lead, Optimism Brewing Company** -- Seattle, WA

June 2018 - Present

- Supervise, train, coordinate teams of up to 12 staff members in running a 700 person capacity beer hall
- Collaborate in redesign of service model to preserve public safety amidst COVID spread
- Standardize operating procedures to achieve more efficient cleaning and set-up practices
- Research and communicate knowledge of beer styles and brewing process to technical and non-technical audiences

**Program Manager, Shirts Across America** -- Seattle, WA

May 2017 - Nov 2018

- Coordinated, supervised, and trained 70-150 volunteers on national philanthropy trips, producing 9,500+ community service hours
- Managed, organized, maintained, and analyzed large data sets of volunteer records and participant feedback to identify areas for program improvement
- Managed website redesign, created graphics for website and social media platforms, researched and employed search engine optimization techniques to achieve increased public visibility and participant engagement

## Skills

- |           |                            |                            |                                 |
|-----------|----------------------------|----------------------------|---------------------------------|
| - Python  | - Data Handling & Analysis | - SciKit Learn             | - Leadership                    |
| - SQL     | - Data Visualization       | - Machine Learning         | - Communication & Collaboration |
| - Tableau | - Data Presentation        | - Scipy Hypothesis Testing | - Project Management            |
| - Excel   | - Public Speaking          | - Data Modeling            | - MS Office                     |

## Data Science Projects

**Much Ado About Training** -- *Python, Keras, Neural Networks, BeautifulSoup, Web Scraping, Data Extraction, Data Formatting*

Natural Language Generation with a neural network trained on Shakespeare's sonnets. This project explores the performance of NLG modeling when training on a rigorously structured language format.

**Predicting Affluence with Yelp** -- *Python, Data Extraction, Data Formatting, Web Scraping, Decision Trees, Adaboost Modeling*

Machine Learning experiment testing the ability to predict a Seattle neighborhood's median income, rent, and home value based on the Yelp statistics. Multiple models were used, including Decision Trees, Adaboost, LASSO, Ridge, and K Nearest Neighbors.

**Abuse in Hiding** -- *Python, Web Scraping, Logistic Regression Modeling, Natural Language Processing, Data Extraction, Data Formatting*

Natural Language Processing classification model to distinguish between two subreddits: r/Relationships and r/RelationshipAbuse. Goal is to identify language patterns common in survivors of abuse to inform mental health professionals.

**Blueprint** -- *Python, Pandas, Numpy, Machine Learning, Linear Regression Modeling, Data Formatting*

Linear regression modeling predicting sale prices based on a dataset from home sales in Ames, Iowa. Features in this model were identified based on strength of relationship to final sale price intuitive understandability.

## Activities & Interests

Dungeons & Dragons, video games, baking anything involving rhubarb, fantasy novels, swing dancing, and dogs.