JENNIFER RAMSEY

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TECHNICAL SKILLS

PROGRAMING LANGUAGES & LIBRARIES: Python, R, JavaScript, VBA, SQL, Pandas, Matplotlib, Plotly, Numpy, Scikit-learn, SQLAlchemy, Flask, Beautiful Soup, D3, Bootstrap, Hadoop, Spark, Nginx, REST APIs

SOFTWARE & PLATFORMS: Tableau, Microsoft Office Suite, Google Suite, Qualtrics, PostgreSQL, Amazon AWS, EC2, Heroku, GitHub Pages

RESEARCH: Quantitative & Qualitative methodology, Survey Design, Interview Design, Data Coding, Literature Collection & Review, Statistical Analysis, Public Speaking & Presentation

PROJECTS

HOUSING RECOMMENDATION USING MACHINE LEARNING – Source Code

- Uses **machine learning** for recommending relevant housing properties to users
- Hosted as a Flask web app on **AWS** and **Heroku**

RESTAURANT RISK LEVEL DASHBOARD – Demo – Source Code

- A web app that fetches restaurant data from SF Gov's **REST APIs**
- Users can search for restaurants risk level or filter restaurants by risk levels

HEALTH RISK, AGE, INCOME ANALYSIS – Demo – Source Code

- An interactive **D3** display that correlates health risks and age and income
- Users can toggle between various attributes like income, age, and household income

BELLYBUTTON BACTERIAL DIVERSITY – Demo – Source Code

- An interactive webpage that displays the bacterial diversity in participants bellybuttons
- Users can filter bacterial diversity information by participants

EDUCATION

CERTIFICATE, DATA ANALYTICS, UC BERKELEY EXTENSION   AUG 2020

- Learned technical skills and implemented numerous projects using Python, R, VBA, SQL, JavaScript, Tableau, Big Data, Hadoop, Spark, Machine Learning, HTML, Bootstrap, & CSS

MA, HUMAN SEXUALITY, SAN FRANCISCO STATE UNIVERSITY   MAY 2018

- Published "Menstruation Education: Critical Reading of Children's Books Teaching About Puberty" – **Source**

BA, PSYCHOLOGY, SAN FRANCISCO STATE UNIVERSITY   DEC 2015

EXPERIENCE

OPERATIONS & FACILITIES ASSISTANT (CONTRACT), THE BRATTLE GROUP   FEB 2020/MAR 2020

- Maintained operations by managing conference rooms, copy rooms, mail rooms, front desk, and kitchen.

SUBSTITUTE TEACHER, SSFUSD & SWING EDUCATION   NOV 2017/MAR 2020

- Completed daily tasks as a teacher for grades Pre-K through 12 with 16 - 40 students.

SHIFT LEAD & CUSTOMER SERVICE ASSOCIATE, WALGREENS   SEP 2012/OCT 2017

- Performed accounting tasks, managed store inventory, and maintained vendor relationships.