JENNIFER RAMSEY

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SKILLS

Programing Languages	Python, R, JavaScript, VBA
Other languages/libraries	SQL, Pandas, Matplotlib, Scikit-learn SQLAlchemy, Flask, Beautiful Soup, D3, HTML, CSS, Bootstrap, Amazon AWS, Heroku
Software	Microsoft Office Suite, Google Suite, Qualtrics
Research	Quantitative & Qualitative methodology, Survey Design, Interview Design, Data Coding, Literature Collection & Review, Statistical Analysis, Public Speaking & Presentation

PROJECTS

SEPT 2020

HOUSING RECOMMENDATION USING MACHINE LEARNING

1. Used **machine learning** for recommending relevant housing properties to users.
2. Hosted it as a Flask web app on AWS. Also, hosted it on Heroku.
3. Used: Scikit-learn, Numpy, Flask, Nginx, AWS EC2, AWS RDS, Heroku
4. Demo: http://housing-recommender.jennylynnramz.com/

AUG 2020

RESTAURANT RISK LEVEL DASHBOARD

1. Created a web app that fetches restaurant data from SF Gov's **REST APIs**.
2. Users can search for restaurants risk level or filter restaurants by risk levels.
3. Used: **D3**, **Bootstrap**, **GitHub Pages**
4. Demo: https://jennylynnramz.com/RestaurantHealthScores/

JUL 2020

UFO SIGHTINGS

1. Created an interactive webpage that displays various UFO sightings.
2. Users can filter UFO sightings by date, location, and UFO attributes.
3. Used: **D3, Bootstrap, GitHub Pages**
4. Demo: https://jennylynnramz.com/ufo_sightings/

JUL 2020

HEALTH RISK, AGE, INCOME ANALYSIS

1. Created an interactive webpage that displays the correlation between health risks and age and income.
2. Users can toggle between various types of diseases and various attributes like personal income, age, and household income.
3. Used: **D3, Bootstrap, GitHub Pages**
4. Demo: https://jennylynnramz.com/health_risk_dashboard/

JUN 2020

BELLYBUTTON BACTERIAL DIVERSITY

1. Created an interactive webpage that displays the bacterial diversity in participants bellybuttons.
2. Users can filter bacterial diversity information by participants.
3. **Used: D3, Plotly, Bootstrap**
4. Demo: https://jennylynnramz.com/bellybutton_biodiversity/

JUN 2020

MISC PROJECTS

1. Analyzed various datasets using **Python Pandas**, generated visualizations using Python **Matplotlib**, and created webapp using **HTML** and **Bootstrap**.
2. Created a Flask webapp that extracted and cleaned data using **BeautifulSoup** from nasa.gov, Twitter, and Wikipedia and displayed it to the users.
3. Implemented various **ETL** projects using **SQL**. Used **VBA** to automate processes.
4. Source Code: https://github.com/jennylynnramz

EDUCATION

AUG 2020

DATA ANALYTICS, UC BERKELEY EXTENSION

Learned technical programming skills in Python, R, JavaScript, VBA, SQL Databases, Tableau, Big Data, and Machine Learning. Implemented various data science projects.

MAY 2018

MA, HUMAN SEXUALITY, SAN FRANCISCO STATE UNIVERSITY

Performed literature review, defended thesis, and published "Menstruation Education: Critical Reading of Children's Books Teaching About Puberty".

DEC 2015

BA, PSYCHOLOGY, SAN FRANCISCO STATE UNIVERSITY

Activities: Jazz Band, Cinema Courses, Psi Chi.

MAY 2012

AS, SOCIOLOGY, COTTEY COLLEGE

Activities: Learned Trumpet, Joplin Tornado Relief Volunteer, Cinema Club.

EXPERIENCE

FEB 2020 TO MAR 2020

OPERATIONS & FACILITIES ASSISTANT (CONTRACT), THE BRATTLE GROUP

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

AUG 2018 TO FEB 2020 | NOV 2017 TO FEB 2020

SUBSTITUTE TEACHER, SOUTH SAN FRANCISCO UNIFIED SCHOOL DISTRICT
& SWING EDUCATION

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

JUL 2019 TO AUG 2019

RECEPTIONIST (CONTRACT), HOULIHAN LOKEY

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

JUL 2015 TO OCT 2017

SHIFT LEAD, WALGREENS

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