

Laila Zaidi

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EDUCATION

University of San Francisco – MS, Data Science | *San Francisco, CA*

Expected: June 2024

Courses: Machine Learning, Deep Learning, Data Acquisition (Python), Relational Databases (SQL, MySQL), Distributed Computing (Spark), A/B Testing, Linear Regression Analysis, Time Series Analysis.

California Polytechnic State University– BS, Applied Mathematics | *San Luis Obispo, CA*

June 2021

Courses: Statistical Programming (R), Linear Algebra, Data Structures (Python), Probability and Simulation, Differential Equations.

EXPERIENCE

Atlassian | *San Francisco, CA*

October 2023-Present

Data Scientist Intern

- Started the development of a comprehensive, model-agnostic Python package for end-to-end model validation, enhancing the workflow of four different Atlassian core ML teams.
- Implemented metrics-driven strategies to evaluate and analyze Top of Funnel Quality across diverse Atlassian products.
- Currently aiming to streamline validation processes for multiple internal teams, delivering dependable results while significantly reducing code length by over 100 lines, optimizing efficiency and productivity.

Acumen, LLC. | *Burlingame, CA*

October 2022-June 2023

Statistical Programmer

- Architected and implemented a legacy project for Medicare Exclusion Database (MED) by cleaning, pipelining, and validating data using SAS and SQL. Automated error alerts and data validation which increased reliability, efficiency and speed of availability to internal teams by over 3 hours.
- Performed thorough SQL queries on provider enrollment Medicare data that informed research teams of fraud, waste, and abuse.
- Conducted production-level quality assurance of Open Payments data that reduced anomalies to <1% threshold.

UCSF, Helen Diller Family Comprehensive Cancer Center | *San Francisco, CA*

November 2021-October 2022

Research Compliance Analyst

- Managed cancer research submissions to different IRBs. Maintained regulatory standards with knowledge of research procedures and patient's rights.
- Reviewed, edited and analyzed scientific documents, including scientific protocols, consent forms, safety data and study documents.
- Fostered relationships between private research sponsors, UCSF research teams, and the regulatory department through efficient, friendly communication and problem-solving.

UCSF, Frank McCormick Oncology Lab | *San Francisco, CA*

June 2018 – September 2018

Research Data Analyst Intern

- Created comprehensive diagrams and visualizations of data and proved significance using programming and statistical methods.
 - Forecasted differences in four alterations of RAS/RAF/MAP Kinase mutations on metabolic and lipidomic pathways against biochemical processes, .
 - Analyzed strategic increases and decreases in the metabolic processes of the RAS/MAPK mutations.
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PROJECTS

Improving Gender Equity in Kenya with Linear Regression and GIS Analysis

- Performed regression analysis on gender-segregated data and reported findings to the World Bank, contributed to a published report.
 - Developed a sophisticated heatmap using ArcGIS to visually depict and analyze the disparate travel patterns of men and women.
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SKILLS

Data Science: Machine Learning, Statistical Programming, Data Engineering, Linear Regression Analysis, Postgres, BeautifulSoup, Pandas, Numpy, Selenium, Matplotlib, Seaborn, Plotly.

Tools: Python, SQL, R, SAS, STATA, MATLAB, Git.

Spoken languages: Spanish (fluent).

