KAMALA PILLAI

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT   Los Angeles, CA

MS in Business Analytics (MSBA) - STEM   December 2022

- Courses: Data Management, Statistical Analytics, Machine Learning, Business Fundamentals
- Anderson Merit Fellowship Award

UC BERKELEY COLLEGE OF ENGINEERING   Berkeley, CA

BS in Bioengineering, Minor in Computer Science and Electrical Engineering   May 2020

- Courses: Statistics and Forecasting, Optimization Models, Concepts of Probability, Data Structures

TECHNICAL SKILLS

Languages: SQL, Python, R, C++, Java, JavaScript, MATLAB
Software: Tableau, Jupyter Notebook, dBeaver, ArcGIS, Google Suite, MS Office, Airtable, AWS, Snowflake
Analytics: Data Cleaning, Feature Engineering, Regression/Classification Algorithms, Data Visualization, Interpretation

PROFESSIONAL EXPERIENCE

CITY OF DALLAS   Dallas, TX
Data Coordinator   January 2024 - Present

- Conduct exploratory data analysis (EDA) using SQL, Python, and Tableau Prep to uncover trends in city data.
- Develop, enhance, and maintain 10+ Tableau dashboards for staff/residents, generating ROI of $50,000 per year.
- Perform data validation and apply Tableau Server management practices daily to ensure reliable dashboards.
- Present to 40+ staff members and stakeholders, strengthening data storytelling and decision-making.
- **<u>Earned the Tableau Data Analyst Certification</u>, enhancing dashboard quality through impactful design.**

OHANA ONE INTERNATIONAL SURGICAL AID AND EDUCATION   Los Angeles, CA
Data Analytics Intern   June 2022 – Dec 2022

- Updated and validated Airtable doctor mentorship profile data every week.
- Transformed data into graphs, grouping mentor/mentee pairs' status into Calls, Gender, Country, and others.
- Recommended a cost-effective dashboard solution for a non-profit organization.
- Identified key criteria for inactive users by creating Jupyter Notebook Python dashboard to visualize the data.

GENENTECH   South San Francisco, CA
Predictive Analytics Intern   May 2019 – Dec 2019

- Led two dashboard development teams and facilitated meetings between IT and Business Operations.
- Improved competitive benchmarking tabs in the Tableau dashboard by gathering external market research data.
- Iterated Tableau dashboard to track study startup metrics and updated multiple teams' clinical trial needs.
- Accelerated data visualization trends using Tableau and SQL to query vast lung cancer clinical trial data.
- **<u>Awarded 1st place</u> in a company-wide intern poster exhibition with over 200 intern participants.**

PROJECTS

HUMANA-MAYS HEALTHCARE ANALYTICS COMPETITION (3rd PLACE)   Sept 2020 – Nov 2020

- Analyzed patient data with over 800 features to predict missed appointments due to transportation.
- Developed Gradient Boosting Tree model in Python to enhance transportation strategies and business models.
- **<u>Awarded 3rd place</u> for model accuracy and actionable solutions (300 teams competing nationally).**