KAMALA PILLAI

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT Los Angeles, CA

MS in Business Analytics (MSBA) - STEM December 2022

- 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

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

TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

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.
- ***Awarded 1st place 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.
- ***Awarded 3rd place for model accuracy and actionable solutions (300 teams competing nationally).***