KAMALA PILLAI

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT Los Angeles, CA
MS in Business Analytics (MSBA) December 2022

- Data Management, Statistical Foundations for 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: Python (scikit-learn, pandas, Gurobi, TensorFlow), R (shiny, caret), SQL, C++, Java, JavaScript, MATLAB
Software: AWS, Tableau, Adobe Analytics, Excel, PowerPoint
Analytics: Data Cleaning, Feature Engineering, Regression/Classification Algorithms, Data Visualization, Interpretation

PROFESSIONAL EXPERIENCE

OHANA ONE Los Angeles, CA
Data Analytics Intern June 2022 – Dec 2022

- Converted data into graphs, grouping mentor/mentee pairs' status into Community, Gender, Country, Calls, etc.
- Built Airtable dashboard, identifying key criteria for inactive users.

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

- **Created interface between technical and business operations,** managing two dashboard development teams and communicated technical insights to higher level management teams.
- **Obtained up-to-date market research data** with external providers, creating exhaustive competitive benchmarking and drug information tabs in Tableau dashboard.
- **Iterated Tableau dashboard to track metrics** and updated multiple teams' needs, leading meetings with study leaders to identify key study startup metrics for successful clinical trials.
- **Accelerated decision-making** by allowing Clinical Trial Leaders to easily provide data visualization trends, using SQL and Tableau dashboard to query vast lung cancer clinical trial data.

Awarded 1st place in 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 sets with over 800 features** to predict and understand challenges with missed appointments due to transportation.
- **Developed Gradient Boosting Tree model in Python** to assess transportation solutions to enhance and improve upon current insurance product strategies and create sustainable business model.

Awarded 3rd place for model accuracy & actionable recommendations out of over 300 teams nationally.