

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 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: SQL, Python (scikit-learn, pandas, Gurobi, TensorFlow), R (shiny, caret), C++, Java, JavaScript, MATLAB

Software: Excel, Jupyter Notebook, Tableau, Airtable, Word, PowerPoint, AWS, Adobe Analytics, Google Data Studio

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 Jupyter Notebook Python 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.