KAMALA PILLAI

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT   Los Angeles, CA
Master of Science in Business Analytics (MSBA)   Expected December 2021
Anderson Merit Fellowship Award Recipient
Machine Learning for Decision Making, Business Fundamentals for Analytics, Customer Analytics, Data Management

UNIVERSITY OF CALIFORNIA, BERKELEY   Berkeley, CA
BS in Bioengineering, Minor in Computer Science and Electrical Engineering   May 2020
Optimization Models, Statistics and Forecasting, Concepts of Probability, Data Structures

TECHNICAL SKILLS

Languages: Python (numpy, scipy, pandas), R, SQL, C++, Java, Javascript, MATLAB
Software: Tableau, Looker, Mode, Excel, Adobe Analytics

PROFESSIONAL EXPERIENCE

GENENTECH, INC.   South San Francisco, CA
Predictive Analytics Intern   May 2019 – Dec 2019
- Queried vast clinical trial data sets using SQL and modeled data in a Tableau dashboard, accelerating decisions by allowing Clinical Trial Leaders to easily understand data and visualize trends.
- Led meetings with study leaders to identify key study startup metrics for successful clinical trials, standardizing decision-making and informing development of Tableau dashboard to track these metrics.
- Won 1st place in company-wide intern poster exhibition with over 200 intern participants, presenting on predictive analytics tools for early clinical development.

ANALYTICS PROJECTS

ADOBE ANALYTICS CHALLENGE   UCLA
Participant Team   Present
- Leverages Adobe Analytics software with real-world Nike data to conduct analysis and make powerful data-informed recommendations for Nike.

ENGINEERING STATISTICS AND FORECASTING   UC Berkeley
Wine Quality Project   April 2020
- Demonstrated knowledge of glmnet and caret libraries to implement OLS, Ridge Regression, Lasso Regression, and Elastic Net for modeling wine quality in R.

OPTIMIZATION MODELS IN ENGINEERING   UC Berkeley
Optimization Algorithms Project   April 2020
- Implemented and compared Gradient Descent, Momentum Gradient Descent, Nesterov's Accelerated Gradient Method, and Adaptive Gradient Method for minimizing an objective in Python. Used matplotlib for plotting results.

DECIBIO CONSULTING CASE COMPETITION   UC Berkeley
2nd Place Finalist Team   May 2018
- Developed award-winning market entry strategy, maximizing success of customer in liquid biopsy field.
- Created detailed slide deck, communicating data-driven insights around key metrics to DeciBio consulting tea