

Nkosi Sampson

Aliso Viejo, CA

Nkosisampson11@gmail.com

Website with projects: Nkosisampson.com

Summary

Hardworking statistician committed to effectively and efficiently analyzing data to obtain valuable insights. Adept working with R, Python, and Matlab. Capable of strong communication skills and creating clear reports from complex information. Offering strengths in statistical analysis and efficient code. Highly adept in technical writing.

Hard Skills

Data Analysis, Statistics, Data Visualization, Machine Learning, Forecasting, R, Python, MATLAB, Mathematics, AI manipulation

Education

- California State University, Fullerton
- BA in probability and statistics
- Graduated May 2025
- 3.8 GPA
- High School GPA: 3.9

Relevant Experience

Neurocognitive Aging and Analytics Research Education (NAARE) (01/2024 - 08/2024)

- Built inferential models to discover the most important predictors when predicting a response of Alzheimer's diagnosis, as well as building predictive models - including neural networks and random forests - in order to predict Alzheimer's diagnosis from demographic and neuroimaging data with a high degree of accuracy.
- Built additional R squared models in order to identify most explanatory variables in predicting markers of neurodegeneration. Built mediation models to infer the mechanism by which these variables predicted neurodegeneration.

Socal Data Science 06/2023 - 08/2023

- With 80% accuracy, predicted rat activity from brain scan data using neural networks
- Utilized Python and RStudio to conduct statistical research and constructed an academic paper to assist research study efforts.

Other Experience

- Compass Bible Church (06/2022 - Present), Juice it Up!: 07/2019- 08/2021

