Abdulsamad Bholat

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EDUCATION

University of California, Los Angeles — Los Angeles, CA
Statistics & Data Science B.S. — *Sept 2023 - June 2025*

PROJECTS

Impact of Psychoactive Substances on Short-Term Memory

Los Angeles, CA

- Conducted a 2x3 factorial study on Islander participants using R, analyzing interactions between variables through statistical modeling and data visualization.
- Utilized G*Power to calculate the smaple size of 158 participants to assess the impacts of certain types of stimulants on Short-Term Memory
- Tested a two-way ANOVA for the main effects of gender and treatments, as well as interaction effects between two variables on short-term memory performance

The Formula for a Hit Song: Analyzing Factors That Influence Track Popularity

Team Captain — *Los Angeles, CA*

- Designed a code to map out the factors that leads to track popularity through various music streaming platforms
- Proposed suggestion through vasious tests like a **Multi-Linear Regression** model to conduct the theory for the hit song
- Utilized raw data and applied multiple partitioning techniques to optimize and assess it, ensuring the best possible output.

Map of EV Density/Charging Stations

Los Angeles, CA

- Developed a testing to analyze the correlation of EV Charging to EV owners to conduct a **data visualization** of the correlation utilizing R programming to output a heat map
- Implemented a **Data Structures** to highlight the most popular EV models to reveal latests trends among the greater population by programming a non-linear data structure to output the imagery of the electric vehicle market

EXPERIENCE

UCLA Citation Review & Adjudication — Mar. 2024 – Present

Los Angeles, CA

- Adjudicate disputed citations by assessing source credibility, relevance, and context within documents.
- Conduct thorough reviews of citations to verify accuracy, alignment with style guidelines, and adherence to ethical standards
- Collaborate with colleagues, supervisors, and researchers to resolve citation issues and improve citation accuracy
- Stay updated on citation standards and best practices to provide accurate guidance and adjudication.

Enrollment Service Professional — Aug. 2022 - Jun. 2023

Los Angeles, CA

- Shared resources, opportunities, and activities for student's learning and development.
- Facilitated peer-to-peer conversation to support open communication among mentees.
- Established trusting relationships with students by maintaining professionalism and honoring confidentiality.
- Created individualized mentoring plans for students, promoting personal growth and development.

CLASSES

Relevant Coursework: Statistical programming with R, Data Science with Python, Practice of Statistical Consulting, Comp. Stats. with R, Statistical Models and Data Mining, Data Analysis And Regression, Linear Models

SKILLS & INTERESTS

Skills: Data Structures, dplyr & ggplot2, Pandas, NumPy, Probability Theory, Web Design, Microsoft Excel, Microsoft Office, R Programming, Python, SQL

Interests: Photography, Creative Writing, Baltimore Ravens