

Evan Lum

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EDUCATION

University of California, Los Angeles
Bachelor of Science in Statistics and Data Science
San Francisco Community College
Associate's in Data Science

Los Angeles, CA
Aug 2023 – June 2025
San Francisco, CA
Aug 2021 – June 2023

COURSEWORK

Data Analysis and Regression • Computational Statistics with R • Statistical Models and Data Mining • Monte Carlo Methods • Mathematical Statistics • Design and Analysis of Experiment • Linear Models

PROJECTS

- Popularity Trends Within the WNBA** June 2024
- Analyzed societal attitudes toward gender in sports, comparing the WNBA and NBA through metrics like attendance, viewership, and audience demographics, while emphasizing the cultural and humanistic factors driving these trends
 - Utilized original data from the WNBA to evaluate growth trends, media portrayal, and revenue disparities, offering actionable insights to promote equity and visibility for women's basketball
 - Created and interpreted visual data representations, including choropleth maps and trend graphs, to highlight disparities in participation and audience engagement across genders in youth and professional sports.
- Solar Radiation in Hawaii** December 2023
- Developed a multiple linear regression model to predict daily average solar radiation in Hawaii using meteorological data, incorporating variables such as temperature, humidity, pressure, and wind speed
 - Applied advanced statistical techniques, including Box-Cox power transformation and multicollinearity testing, to optimize the model and meet linear regression assumptions.
 - Conducted diagnostic analyses using residual and leverage plots to identify outliers and evaluate model assumptions, ensuring robustness and reliability.

EXPERIENCE

- ONE65 San Francisco** Aug 2021 - Aug 2023
Counter Assistant/Barista San Francisco CA
- Assisted customers with orders, providing detailed explanations of menu items and beverage offerings
 - Enhanced the coffee shop experience by delivering high-quality beverages with attention to detail
 - Fostered customer loyalty by remembering regular customers' preferences and providing personalized service
- Teaspoon** Jun 2020 - Aug 2021
Barista San Francisco CA
- Engaged with customers to understand their preferences and provided personalized recommendations for drink selections
 - Managed a fast-paced environment while prioritizing accuracy and consistency in preparing drinks
 - Curated seasonal beverage promotions, encouraging customer engagement and increasing daily sales.

SKILLS

Languages: R • Python
Tools: Microsoft Word, Excel, Powerpoint