Vincenty (Vince) Front

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EDUCATION

University of California, Los Angeles (UCLA)   June 2023

B.S. Statistics and Data Science, Environmental Systems and Society Minor

Cumulative GPA: 3.78/4.00, Dean's Honor List

Relevant Coursework: Data Mining and Machine Learning, Time Series Analysis, Advanced Microsoft Excel, Microsoft Excel Macros and VBA, Monte Carlo Methods, Probability and Statistics, R Programming, Experimental Design

EXPERIENCE

Five Acres—The Boy's and Girls' Aid Society of Los Angeles   Altadena, California

Clinical Data Analyst   April 2024 – Present

· Design, develop, and integrate data storage and reporting systems and gather clear and concise requirements for data reporting requests and documents specifications in an organized manner
· Showcase patterns, insights, and trends in user-friendly data reports that also provide recommendations for decision-makers
· Head data literacy initiatives created in collaboration with Five Acres leadership to educate and empower staff in understanding and effectively utilizing data to make informed decisions

Data Science Union at UCLA   Westwood, California

Data Scientist   April 2021 – June 2023

· Specialized in data cleaning, visualization, dashboard creation and ML model development in R, Python, and Tableau
· Undertook a Python and SQL program for data science including webscraping, data manipulation and machine learning

UCLA Library Data Science Center   Westwood, California

Project Manager   July 2022 – June 2023

· Optimized workflows to lead data science consulting team to complete 50+ consultations and 10+ research projects
· Helped double incoming clientele by creating automated business reports in R and expanding organizational outreach
· Acted as main liaison between consultants, supervisors, and stakeholders, cleaning data and creating visuals ad hoc

PROJECTS

Examining the Effectiveness of Telehealth vs. In-Person Services for Children   September 2024 – October 2024
Using the CANS-IP

Data Analyst

· Developed metric to summarize counts of clients' needs to be addressed through treatment and split by service type
· Used t-tests and linear regression models to validate results
· Presented poster of our findings with the Five Acres Research Team to over 100 people at the 2024 TCOM Conference

Analyzing Power Outages After Hurricanes for Private Client   January 2023 – March 2023

Data Scientist

· Conducted text mining in Python on 1000+ row dataset of descriptions to find keywords for damaged infrastructure
· Converted time data from text to integers in Python to determine power restoration times after hurricanes
· Created choropleth maps of outage locations in order to present power restoration times to stakeholders

Predicting MLB Playoff Teams

Project Lead & Data Scientist   June 2022 – October 2022

· Led a team of 8 data analysts to develop models predicting if professional baseball teams would make the playoffs
· Webscraped, combined, and cleaned 8 660-row datasets leveraging Python's BeautifulSoup, pandas, and scikit learn
· Produced dashboards and developed logistic regression, decision tree, and k-means models with up to 88% accuracy
· Orchestrated project meetings and taught project members Tableau, GitHub, Python, and working in the shell
· Developed project workflow, managed the project GitHub repository, and produced a Medium article with the results

SKILLS

Programming Languages: R (base, tidyverse), Python (pandas, BeautifulSoup, matplotlib, scikit learn, nltk, mysql), SQL
Other Tools: MySQL, Microsoft Excel, Tableau, Shiny, GitHub, Power BI, OpenRefine, Microsoft Office, LaTeX, SMSS