SHRISHTI SEKSARIA

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SUMMARY

Rising junior pursuing data science with a specialization in econometrics. Passionate about business analytics, climate change, and women empowerment. Inquisitive learner and sedulous worker eager to help companies make data-informed decisions.

EDUCATION AND SKILLS

UNIVERSITY OF CALIFORIA, SAN DIEGO (UCSD)
Bachelor of Science in Data Science (GPA: 3.85, Provost Honors)   Expected June 2024

Technical Skills: Java, Python, Pandas, Sci-Kit learn, HTML, NumPy, SQL, Tableau, MS-Suite, G-Suite.
Coursework: Practical and Theoretical Data Science, Multivariable Calculus, Statistics, Micro and Macro-Economics.
Other: Poetry, Classical Dance, Travelling, Hiking, Fitness, Content Creation.

ACADEMIC PROJECTS

POWER OUTAGE CAUSE PREDICTOR   April 2022 - May 2022
- Cleaned data on power outages, performed univariate and bivariate analysis, and assessed missingness of data.
- Formulated a pair of hypotheses and performed hypothesis testing to find out if outage durations and causes were co-related.
- Selected an efficient pipeline model and hyper-parameters through Grid Search CV and then created a random forest classifier model which predicted the cause of a particular outage at a 90% accuracy.

PSEUDO-PIAZZA PLATFORM   March 2022
- Implemented key functionalities of the piazza platform using object-oriented programming and data structures like array lists and heaps.
- Made the solution memory and time efficient.
- Constructed a search-engine like feature by implementing a hybrid data structure of hash map and trees which enabled search for posts and questions using related keywords.

EXPLORATORY DATA ANALYSIS   March 2021- June 2021
- Estimated the budget for prizes and winning strategy for the game "Jeopardy" by cleaning and querying the dataset, extracting visualizations, and performing hypothesis testing.
- Investigated taxi trips using information about the fees, tips, miles driven, car numbers, and locations to identify taxi scams and areas most prone to the scams.

PROFESSIONAL EXPERIENCE

AMUL KANDYFLOSS, India   July 2022 – August 2022
Data Analyst Intern
- Ideated marketing strategies, managed social media content, and tracked the growth of the company by managing datasets and visualizing it using Tableau.
- Calculated an efficient budget for marketing and advertising on social media which helped the board of directors to plan out their spending 6% more efficiently.

PHRENS, Malaysia   July 2021 – August 2021
Data Intern
- Extracted, organized, and cleaned data of about 80+ competitive companies using Jupyter Notebooks and Excel which connected the company with 30+ potential investors and contributed to the uniqueness of the product.
- Co-ordinated with colleagues to craft presentations explaining the data for weekly meetings which provided the directors with meaningful insights and easy access to relevant information.

LEADERSHIP

UCSD DATA SCIENCE STUDENT SOCIETY   April 2021 - Present
Outreach Chair
- Leading the outreach committee in generating awareness about data science and its applications and building connections for the organization with 4 different universities and 2 local high schools.
- Collaborated with 4 student organizations and worked alongside the workshop committee to conduct 8 workshops in machine learning, business analytics, and other relevant fields.