RAGA VARSHINI

CONTACT

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TECHNICAL SKILLS

Programming Languages: Python
Data Analysis: Statistics, Probability, Data Cleaning, Data Mining
Data Visualization: Proficient in creating visualizations using libraries like Matplotlib and Seaborn, Excel, Power bi, Google data studio, Tableau
Web Technologies: Web Scraping
Machine Learning: Experience with supervised and unsupervised learning techniques
Natural Language Processing: Text Preprocessing, NLP techniques
Databases: SQL, My SQL for data querying and management

SOFT SKILLS

- Communication skills
- Analytical Thinking
- Team work
- Interpersonal skills

PRESENTATIONS

- Prerequisites of Data Science
- Explaining Statistics with Python
- Market Trend Prediction
- Comparison on Clustering

PROFILE

Goal-oriented and enthusiastic recent graduate seeking to launch a career growth in this platform. With a solid foundation in data analysis and machine learning, I am eager to contribute to a dynamic team, learn from experienced professionals, and work towards achieving both personal and organizational goals.

EDUCATION

MSc MATHEMATICS (2022-2024)-79%
PSGR Krishnammal College for Women-Coimbatore
BSc MATHEMATICS (2019-2022)-85%
Vivekanandha Educational Institution- Nammakal
HSc (2018-2019)-77%
Christian Matriculation Higher Secondary School-Oddanchatram

PROJECTS

1. Data Analysis and Visualization with Python- Proficient in Python for data analysis, skilled in Pandas for data manipulation, and experienced in using Matplotlib and Seaborn for trend visualization and statistical insight extraction.
2. Statistical Methods for Risk Assessment and Data Exploration- Conducted statistical analysis of customer satisfaction and vehicle speeds using confidence intervals and probability. Analyzed rainfall data and flood risks with Pandas, incorporating conditional probability to uncover relationships.
3. Optimizing Sales Channels through Predictive Analytics and Machine Learning- Analyzed customer engagement metrics and yearly spending using Seaborn, identifying key features influencing spending to guide optimal sales strategies**.**
4. Agglomerative Clustering on Animals- Classified animals using 16 features from the "zoo.data" dataset with agglomerative clustering. Evaluated performance by comparing predicted vs. actual classes using MSE. Demonstrated skills in Python and clustering techniques.