Supraja R

Junior Data Scientist

Mobile No. : 8925166118
Location: Tirunelveli, Tamil Nadu
Gmail: suprajar003@gmail.com

Github: github.com/Rsupraja-09082003
LinkedIn: linkedin.com/in/suprajaramesh

A motivated Data Science fresher looking to leverage my strong programming skills in Python and R, analytical aptitude and knowledge of data visualizations to effectively analyze, interpret, and present insights from large datasets in an accurate and meaningful way. Seeking to collaborate with a leading data science and AI team to develop innovative models to detect patterns and trends for complex data-driven solutions.

TECHNICAL KNOWLEDGE

Tools and Languages	Python, Git, R, Tensorflow, Scikit Learn, Pandas, Numpy, Seaborn
Software	Tableau, MS Office

SOFT SKILLS

Problem Solving Skills	Analytical Skills	Communication	Team Work	Attention to Detail

PROJECTS

VEGETABLE PRICE FORECASTING   NOV 2024
- Built a hybrid model for vegetable price index using CEEMDAN and VMD decomposition with LSTM, achieving a mean average percentage error of 3.26%

FRAUD DETECTION   NOV 2024
- Designed and implemented a machine learning model for fraud detection, leveraging XGBoost and preprocessing techniques to accurately classify fraudulent transactions achieving a ROC AUC score of 0.99.

DEEP LEARNING IMAGE CLASSIFICATION MODEL   OCT 2024
- Developed a cat vs. dog classifier with VGG16 and transfer learning, achieving high accuracy. through data preprocessing, training, and performance evaluation with an accuracy of 98.33% .

ACHIEVEMENTS

Asian Business School International Conference   NOV 2024
- Awarded 2nd position in Paper Presentation, in the Asian Business School International Conference in the Economics Category.

PROFESSIONAL EXPERIENCE

ACMEGRADE INTERNSHIP   FEB 2024
- Completed two month internship in data science. During my internship at AcmeGrade, developed a movie recommendation system using natural language processing (NLP) and machine learning techniques. This project involved data exploration, preprocessing, and model implementation.

IETE INTERNSHIP   August 2023
- Completed a one-month internship in data science and analytics using Python, organized by The Institute of Electronics and Telecommunication Engineers.

- Gained practical experience in data preprocessing, visualization, and statistical analysis.

- Applied Python libraries such as pandas, NumPy, and matplotlib to analyze and interpret data effectively.

EDUCATION

Masters in Data Science, *Vellore Institute of Technology*	Pursuing
CGPA: 8.55	
Bachelors in Mathematics with Computer Applications, *Ethiraj College of Women*	MAY 2023
CGPA: 8.8	
Secondary Examination, *A.V.Rm.V Matriculation HSC*	MAY 2020
CGPA: 6.6	
Higher Secondary Examination, *A.V.Rm.V Matriculation HSC*	MAY 2018
CGPA: 9.1	

CERTIFICATIONS

FREECODECAMP (DATA ANALYSIS WITH PYTHON)   **AUG 2024**
- Worked with important libraries like numpy, panda, Matplotlib, seaborn also did mini projects for the completion of the certificate

UDEMY (NLP IN PYTHON)   **APR 2023**
- Learnt important concepts such as Markov Models, POS Tagging, Stemming and Lemmatization Applications of NLP and also created projects related to NLP like Sentiment analyzer.

MS OFFICE APPLICATIONS   **MAY 2020**
- Completed comprehensive training in Microsoft Applications, mastering Word, Excel, PowerPoint, and Outlook. Proficient in document creation, data analysis, presentation design, and email management.