SESNA TOMY

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ABOUT

Skilled Mathematics, Big data analytics, and Data Science graduate with knowledge in statistical analysis and machine learning algorithms. Seeking to leverage strong analytical abilities to contribute to data driven decision-making in a dynamic organisation.

EDUCATION

Masters in Mathematics 2020 - 2022
Union Christian College, Aluva

B.Sc Mathematics 2017 - 2020
Pavanathma College, Murikkassery

CORE TECHNICAL SKILLS

- Python
- Machine Learning
- Deep Learning
- Model Building
- SQL
- Spark
- Natural Language Processing(NLP)
- AWS
- Tableau
- HTML
- CSS
- Flask
- Django

EXPERIENCE

Data Science Intern October 2023 - Present
Scifor Technologies *Bengaluru, India*

- Created an engaging landing page with compelling visuals and concise content, featuring call-to-action buttons for exploring services, viewing case studies, or contacting the firm. Integrated an AI ChatBot for lead generation and assistance, while also showcasing testimonials or client feedback to establish credibility.
- Implemented a lead-generating chatbot using Botpress, to engage website visitors, capture leads, and provide initial assistance. This involved designing conversational flows and optimising user interactions, resulting in an increase in user engagement on the website.

PROJECTS

Credit Card Fraud Detection ML Project

- Designed and executed a credit card fraud detection system leveraging machine learning algorithms, achieving a commendable accuracy rate. Engineered an interactive application using Streamlit for real-time monitoring and analysis, enhancing accessibility and user engagement.

Bangalore House Price Prediction Model

- Executed comprehensive data analysis, identifying key features influencing property values and incorporating them into the model's predictive framework. Successfully implemented the project, demonstrating a keen understanding of the nuances in Bangalore's real estate market

Image Classification Model

- Developed and deployed a deep learning image classification model utilising convolutional neural networks to accurately categorise diverse image datasets, achieving high accuracy rates. Implemented transfer learning techniques to optimise model performance for real-world applications.

CERTIFICATIONS

Certificate in Big Data Analytics & Data Science , National Council for Technology and Training (NACTET) 2022 - 2023