KOWSHIK B C

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DATA SCIENTIST

Profile

Motivated and detail-oriented individual with a good understanding of supervised and unsupervised machine learning models. Skilled in various optimization algorithms and data science applications. Able to analyse and interpret complex data sets to perform data analysis and generate reports, patterns, and insights. Eager to contribute with a team to analyse large datasets and extract meaningful insights.

Education

Davangere University - B.Sc. (Computer Science), Government First Grade College (2023)

Nalanda PUC College - 2nd PUC

Government Junior College - SSLC

Work History

Data Science Consultant Intern | Rubixe

• Collaborated with team members to understand client requirements and business challenges.
• Worked on a client project where machine learning algorithms like Decision Tree, XGBoost, and Random Forest were applied and achieved 95% test accuracy.
• Constructed predictive models using Logistic Regression and Multiple Linear Regression, achieving 85% accuracy in attributing revenue and conversions to specific marketing touchpoints.

Data Scientist | Aristocrat (Oct 2024 – Feb 2025)

• Applied machine learning to enhance product performance and user engagement.
• Contributed to deep learning research for PhD-level academic publications.
• Gained practical experience in predictive modeling and optimizing analytical solutions, alongside contributing to deep learning articles for PhD researchers.

Skills

Programming & Tools: Python (NumPy, Pandas, OOPs), TensorFlow, PyTorch, Scikit-learn, SQL, Tableau, Power BI, OpenCV, AWS EC2
Data Science & ML: Machine Learning Algorithms, Time Series Forecasting, Data Analysis, Deep Learning
Statistical Techniques: Linear Regression, Logistic Regression, Clustering, Classification, Applied Statistics, Statistical Analysis
Advanced AI: GenAI, NLP, RAG, LangChain, Transformers, Fine-tuning, MCP Server, Agentic AI (coding & non-coding tools)
Other: Neural Networks (ANN, CNN), Jupyter Notebook, Effective Communication, Teamwork, Adaptability, Critical Thinking, Problem Solving, Time Management

Certifications

• CDS NASSCOM (Certified Data Scientist)

• IABAC (Data Science Foundation)

• IABAC (Certified Data Scientist)

• Certified Data Scientist (DataMites)

Projects

Text-to-Image Generation using Stable Diffusion

Developed a text-to-image generation application leveraging Stable Diffusion with the Transformers library. Designed an interactive user interface using Tkinter for prompt input, real-time image rendering, and easy user interaction. Enhanced usability by integrating GPU acceleration for faster image generation and smooth performance.

AI-Powered Appointment Setter using Retell AI & Make.com

Created an AI voice agent integrated with Cal.com to automate appointment scheduling. Reduced booking time by 80% through workflow automation, time zone handling, and webhook-based error correction.

Smart Food Ordering Assistant – MDA Restaurant

Developed an AI-powered chat assistant for automating restaurant orders using Google Sheets integration. The system handles order placement, inventory checks, FAQs, and order status queries with real-time stock validation and dynamic responses in a friendly, conversational tone.

RAG-HR-Chatbot

Developed a Python-based HR chatbot that processes a PDF policy document by extracting, cleaning, and chunking text with LangChain. Implemented RAG architecture using FAISS for semantic search and the Groq API for answer generation. Built a full-stack solution with a FastAPI backend and Streamlit frontend, containerized with Docker for easy deployment and scalability.

Rice Leaf Disease Prediction using CNN

Applied resizing, normalization, and data augmentation to enhance model robustness. Adjusted learning rates and dropout rates to improve generalization. Skills Applied: Convolutional Neural Network, Image Classification, Model Evaluation.

Languages Known

English, Hindi, Telugu, Kannada