KARTIK GOSWAMI

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GitHub: github.com/kartik703 | Portfolio: kartik703.github.io

PROFILE

AI Data Engineer with a strong background in Python, SQL, and building AI-driven data pipelines. Experienced in turning raw data into actionable insights and developing machine learning models that improve customer retention, personalization, and marketing performance. Eager to contribute to a growing sports brand with a collaborative and high-impact culture.

TECHNICAL SKILLS

Languages: Python, SQL

AI Tools: ChatGPT, LangChain, Make.com (basic), Zoho Zia (exploratory)

ML: Classification, Regression, Clustering, Forecasting

Data Engineering: ETL, Data Cleaning, Feature Engineering, Pandas, NumPy

Visualization: Streamlit, Matplotlib, Seaborn

Other: REST APIs, Git, Docker (basic), Google Colab, CI/CD (introductory)

EDUCATION

MSc in Data Science and Artificial Intelligence

Newcastle University, UK Sep 2024 - Sep 2025 (Expected)

Focus: Machine Learning, Data Engineering, Cloud Analytics, Predictive Modeling

RELEVANT PROJECTS

Customer Retention Predictor

Built a binary classification model using user behavior data to predict churn in a simulated e-commerce platform.

Stack: Scikit-learn, Pandas, XGBoost

AI-Powered Marketing Dashboard

Integrated ChatGPT and LangChain into a Streamlit dashboard for campaign performance analysis.

Stack: OpenAI API, Streamlit, Python, SQL

Forecasting Sales with Regression

Created an ML model to forecast sales based on seasonality, pricing, and marketing inputs.

Stack: Scikit-learn, StatsModels, Python

AI Job Match Explainer

Converted job descriptions and resumes into embeddings for match scoring and insight generation.

Stack: LangChain, GPT-4, Python

CERTIFICATIONS

Certified Forage and Grassland Professional (British Airways), Mar 2025

IBM: Exploratory Data Analysis for ML (2024)

Google: Data Foundations (2024)

IBM: What is Data Science? (2024)

EXTRA-CURRICULAR & DEVELOPMENT

- Co-organized AI hackathons and analytics meetups at university

- Created 15+ AI/ML projects with Streamlit dashboards and ML pipelines

- Passionate about using data to drive business action and digital transformation