KARTIK GOSWAMI

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

PROFILE

Aspiring Data Engineer with strong Python, SQL, and cloud-based data pipeline experience. Proficient in building data products and pipelines using modern tools like Databricks, Azure Data Factory, and Pandas. Proven ability to collaborate in multi-functional teams and communicate with diverse stakeholders. Passionate about applying data for real-world impact and driving a data-first culture in organizations.

TECHNICAL SKILLS

Languages: Python, SQL

Cloud & Tools: Azure Data Factory, Databricks, Pandas, NumPy

Data: Data Wrangling, ETL Pipelines, Cleansing & Transformation, Data Modeling

Frameworks: Scikit-learn, Streamlit, Jupyter

Version Control & Workflow: Git, VS Code, GitHub

Soft Skills: Communication, Problem-Solving, Adaptability, Stakeholder Engagement

EDUCATION

MSc in Data Science and Artificial Intelligence

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

Core Modules: Machine Learning, Big Data Analytics, Data Engineering, Deep Learning

PROJECT EXPERIENCE

MLflow MLOps Pipeline

Developed and deployed a full machine learning lifecycle pipeline from data ingestion to model versioning using Scikit-learn and Hyperopt. Demonstrated collaboration and governance best practices.

Tools: MLflow, Scikit-learn, Git

PDF Summarizer

Built a document processing and extraction pipeline using Hugging Face's T5 transformer, summarizing long-form text into concise formats.

Tools: Hugging Face Transformers, Python, Streamlit

AI Job Matcher

Created an LLM-based tool to match resumes to job descriptions and return natural language insights.

Tools: GPT-4, Streamlit, Python

CERTIFICATIONS

IBM: Exploratory Data Analysis for ML (2024)

Google: Data Foundations (2024)

GUVI: AI for India 2.0

EDX: Data Science Challenge

EXTRA-CURRICULAR & DEVELOPMENT

- AI Club Organizer at Newcastle University: Led hands-on data workshops and tutorials

- Finalist at AI for Social Good Hackathon 2024

- Volunteer Python coding mentor for beginner and school-level learners

- Regular contributor to open-source AI and data pipeline projects