

Chethan Jayashankar

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Profile

Data Scientist with 2+ years of applied experience in **machine learning, predictive analytics, and data engineering**. Skilled at building **end-to-end ML solutions** from SQL pipelines to deployed apps. Strong results in **cost reduction, churn prediction, and healthcare risk modelling**. MSc Data Science (Coventry University, 2025). Seeking data science roles where I can deliver **business value through AI/ML, cloud data solutions, and advanced analytics**.

Technical Skills

- **Programming & Tools:** Python (pandas, NumPy, scikit-learn, TensorFlow, PyTorch), SQL, R, Git
 - **Machine Learning & AI:** Classification, Regression, Random Forest, XGBoost, Neural Networks, LSTMs, Generative AI
 - **Data Engineering:** ETL pipelines, data wrangling, feature engineering, model deployment (Streamlit, Flask)
 - **Data Visualization & BI:** Tableau, Power BI, Matplotlib, Seaborn, dash boarding for KPIs
 - **Cloud & Platforms:** Azure (ML & Data Factory), GCP, Snowflake (academic exposure)
 - **Business & Healthcare Analytics:** Churn analysis, KPI reporting, survival analysis, longitudinal health modelling
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Education

MSc Data Science – Coventry University, UK (*Sep 2025*)

- Dissertation: *Predicting Hyperglycaemia using ML (logistic regression, LSTM)*
 - Built Streamlit-based clinical risk calculator with recommendations engine
 - Applied cloud workflows (Azure DevOps, GitHub) for agile research
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Professional Experience

Data Analyst – Pigeon Technologies Pvt Ltd | Aug 2022 – Jun 2024

- Designed and automated **SQL pipelines**, reducing manual reporting workload by **40%**
 - Built **interactive dashboards** in Power BI/Tableau for real-time KPI tracking
 - Conducted ad-hoc data analyses with Python & SQL to support strategic projects
 - Partnered with finance/operations to identify **cost-saving initiatives**
 - Developed churn insights, contributing to a **12% reduction in attrition**
 - Presented findings to senior management with clear business impact
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Key Projects & Achievements

- **Healthcare AI Deployment:** Built ML platform predicting diabetes risk, deployed via Streamlit
 - **Generative AI Prototype:** Automated patient report summarisation with NLP/LLMs
 - **Population Health Analytics:** Applied feature engineering to uncover hidden health risk factors
 - **Business Impact:** Delivered insights that improved retention and operational efficiency
 - **Academic Success:** Achieved strong MSc project performance with end-to-end deployment experience
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Certifications

- **Google Data Analytics Professional Certificate** (Coursera, 2025 – in progress)
 - **Microsoft Azure Fundamentals (AZ-900)** – expected completion 2025
 - **Kaggle Micro-Certifications:** Python, Pandas, Machine Learning, Data Visualization (2025)
 - **Data camp Certificates:** SQL Fundamentals, Tableau for Data Analysis (2025)
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Additional Info

- **Portfolio:** github.com/Chethancj – showcasing ML, AI, and analytics projects
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References available upon request