Devesh Prasad

| Location- Manchester, UK | LinkedIn- https://www.linkedin.com/in/deveshprasad/ | Contact - +44 7435402371 | Email- deveshprasad99911@gmail.com | Tableau | GitHub |

EDUCATION

The University of Manchester   **Manchester, UK**
M.Sc. Data Science **(First Class (2:1))**   *Sept 2022 – Oct 2023*
- ⦿ (Multiple Russell Group UK Scholarship > £13,500+) Machine Learning & Statistics (Python - OOP, Matplotlib, NumPy, Pandas, SciPy & ML Models) Databases (SQL- NoSQL - PyMongo - MongoDB, Schema & ER Design) + AI & Finance.

University of Delhi   **New Delhi, India**
B.Sc. Statistics (H) **(GPA- 8.98/10)**   *July 2019 – June 2022*
- ⦿ Probability distributions, Design of Experiment, Linear Models, Statistical Inference, SQC, SPSS, R Programming, Python, Stochastic Processes, Time Series Analysis, Multivariate Analysis, Financial Statistics.

WORK EXPERIENCE

Troo   **Sunderland, UK**
Data Scientist (KTP Associate)   *Feb 2025 - Present*
- ➤ Research under UKRI Council - Innovate UK's Global Talent Visa, applying Data Science, Machine Learning, and AI to develop automated data solutions, addressing key challenges in the energy services sector.
- ➤ Developed data-driven strategies to bridge SMEs and large utility firms, leveraging advanced analytics to optimize operations, enhance efficiency, and drive sustainable & intelligent automation and predictive modelling.

RSM UK   **Preston, UK**
Analyst (Consultant)   *Nov 2024 – Feb 2025*
- ➤ Delivered advanced data solutions on Azure platforms, Power BI, and Alteryx, diagnosing and resolving complex data access and reporting issues to ensure seamless and accurate analytics across audit, tax, and consulting services.
- ➤ Collaborated to identify and implement process improvements, including automating ETL processes and streamlining data workflows, significantly enhancing the efficiency and reliability of data infrastructure across the organization.

Grant Thornton UK   **Manchester, UK**
Data Scientist (Consultant)   *Oct 2023 – Sept 2024*
- ➤ Implemented automation for over 5,000+ hrs of manual tasks across internal teams - Audit, resulting in savings of more than £100,000+ and reducing time and cost by 99% for the firm. Developed a Python-based RAG algorithm independently incorporating OpenAI-LLM and Azure to replace manual processes. Collaborated to automate multiple projects across multiple teams saving more than £1,500,000+ & 5000+ hrs across the firm.
- ➤ Build Python scripts for Accurate Data Extraction using RAG (Retrieval Augmented Generation) Infrastructure -Azure Document Intelligence-ADI, OpenAI LLMs, GPTs, Semantic Chunking, LangChain.
- ➤ Developed Interactive Dashboards using Low Code/No Code Tools like PowerBI, Tableau, KNIME, & Alteryx.

Be.EV   **Manchester, UK**
Data Scientist – MSc Student   *Jan 2023-Jun 2023*
- ➤ Analysed public and private EV datasets to assess the impact of charger location proximity on utilization and identify additional influencing factors, providing future recommendations. Led a team of 4 MSc students in designing the project roadmap with The University of Manchester. Main steps including data cleaning with GIS Analysis & Modelling.

TECHNICAL SKILLS

Programming: Python (NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch), R, SQL (MySQL, PostgreSQL, MongoDB), KNIME, Alteryx, Bash, Git. **Analytics & Visualization:** Tableau, Power BI, Excel (Pivot Tables, VBA). **ML & AI:** Regression, Classification, Clustering, Decision Trees, NLP (Sentiment Analysis, Topic Modeling, NER), Generative AI (GPT-4, RAG, LangChain, OpenAI APIs, Azure Form Recognizer). **Data Engineering:** Apache Spark, Hadoop, Snowflake, Kafka, Azure SQL, AWS & Azure ML Studio, A/B Testing.