

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

RSM UK

Manchester, UK

Data Analyst (Consultant)

Nov 2024 - Present

- 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)

Nov 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 & Databricks, Kafka.
- 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 & Modeling.

Alcrowd, Switzerland

Remote

Software Developer (Internship)

Jul 2021 - Aug 2022

- Enhanced a grading web application for 57,000+ users, optimizing it by resolving bugs and converting Figma designs into responsive, effective and low latency frontend code. Worked on multiple tech stacks including HTML, CSS, React/Next/Typescript JS, Bootstrap, Git/Gitlab, Web Development, and Machine Learning/AI, Deep Learning.

TECHNICAL SKILLS

Programming: Python (NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, Matplotlib, Seaborn), R, SQL (MySQL, PostgreSQL, NoSQL, MongoDB) KNIME, Alteryx, Bash, Git, GitHub, GitLab. **Data Analytics & Visualization:** Tableau, Power BI, Excel (Pivot Tables, VBA). **Machine Learning & AI:** ML Modeling (Regression, Classification, Clustering, Decision Trees, Random Forest, Gradient Boosting) **Natural Language Processing:** (Sentiment Analysis, Topic Modeling, Text Classification, Named Entity Recognition). **Generative AI:** (OpenAI APIs, GPT-3.5, 4, 4-turbo), Prompt Engineering, Azure Form Recognizer, Retrieval-Augmented Generation (RAG), Semantic Chunking, LangChain, & Databricks. **Data Engineering:** Apache Spark, Hadoop, Snowflake, Azure SQL), Kafka, AWS & Microsoft Azure ML Studio, A/B Testing.