ABDUL MUQEEM MOHAMMED

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Linkedin | Github | Portfolio

ABOUT ME

Currently an MSc Data Science student at the University of Salford with hands-on experience in Python, SQL, Machine Learning, Power BI, and Natural Language Processing, developed through previous internships and personal projects. Eager to apply data-driven insights to solve real-world business problems in a collaborative and fast-paced environment.

EDUCATION

University of Salford | 2025-2026

Master of Science - Data Science, Manchester, UK

Osmania University | 2021-2024

Bachelor of Science - Computer Science, India

PROJECTS

1. JOB MARKET ANALYSIS IN DATA FIELD - 2024

- Conducted anextensiveanalysis of14,199 jobrolesin the data domain, uncovering trends in salaries, job categories, nd work settings by experience levels and locations.
- Visualized insights on top paying and in demand roles, aiding the understanding of market dynamics. Tools : Python, NumPy, Pandas, Matplotlib, Seaborn

2. EMAIL SPAM DETECTION WEB APP

- Built an Email Spam Detection app using Python, Streamlit, and Multinomial Naïve Bayes; achieved 98.6% accuracy and 92% spam recall using advanced NLP techniques (TF-IDF, stemming, stopword removal).
- Deployed an interactive web app enabling real-time email classification, reducing data noise by 40% and improving user security against phishing, junk emails. Tools : Python, NumPy, Pandas, Matplotlib, Sklearn, Streamlit, NLTK

WORK EXPERIENCE

Gradence UK | November 2024 - December 2025

Data Analyst Internship Program

- Analyzed and interpreted structured datasets during a Data Analyst Internship to identify trends, patterns, and actionable insights that supported data-driven decision-making.
- Gained hands on experience on tools and had a experience learning of learning with a UK based company

Full Stack Academy | August 2024 - March 2025

Data Science Internship [Unpaid]

- Analyzed large datasets using Python and SQL, optimizing predictive models and improving accuracy by 20%
- Optimized ML models, improving stock movement prediction F1-score by 10% (from 0.80 to 0.88) through feature engineering and sentiment analysis..

SKILLS

- Python
- SQL/MySQL
- Machine Learning
- NLP
- Power Bi
- Excel