

MOHD ABDUL MUQEEM

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LinkedIn • Github • Portfolio

SUMMARY

An enthusiastic Data Science student currently pursuing an MSc in Data Science at the University of Salford. I have hands-on experience with tools and technologies including Python, SQL, Machine Learning, Power BI, and Natural Language Processing, gained through previous internships and personal projects. I'm now looking for opportunities to apply and grow these skills in a real-world business environment.

EDUCATION

Master of Science in Data Science

Expected - 2026

University Of Salford - Manchester, United Kingdom

Bachelor of Science in Computer Science

2021 - 2024

Osmania University - India

PROJECTS

1. JOB MARKET ANALYSIS IN DATA FIELD - 2024

- Conducted an extensive analysis of 14,199 job roles in the data domain, uncovering trends in salaries, job categories, and work settings by experience levels and locations. **Tools : Python, NumPy, Pandas, Matplotlib, Seaborn**
- Visualized insights on top paying and in demand roles, aiding the understanding of market dynamics.

2. STOCK MOVEMENT ANALYSIS USING REDDIT DATA

- Implemented a sentiment analysis model to classify financial discussions into sentiment categories (positive, neutral, negative) and visualize sentiment distribution for actionable insights.
- Achieved F1 scores of 0.80, 0.82, and 0.88 using logistic regression, decision tree, and random forest models, respectively, for stock movement prediction. **Tools : Python, NumPy, Pandas, Matplotlib, Seaborn, Sklearn**

3. 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, stopwords 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**

EXPERIENCE

DATA SCIENCE INTERNSHIP - UNIFIED MENTOR PVT LTD.

- Executed data cleaning and analysis on large datasets using Python and SQL, ensuring 100% data accuracy.
- Created visualizations in Power BI to present insights, supporting data-driven decision-making. Automated data processing workflows, reducing manual effort by 40% and increasing efficiency.

DATA SCIENCE INTERNSHIP - FULL STACK ACADEMY

- 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.

ADDITIONAL INFORMATION

- Technical Skills:** Programming (Python, SQL), Machine Learning (Supervised & Unsupervised Learning), Natural Language Processing (NLTK)
- Visualization and BI:** Excel, Power BI, Matplotlib, Pandas, Seaborn
- Certifications:** Advance Data Science, BCG Job Simulation (Forage)
- Visa Status :** Tier 4 (Student Visa) Work Limit During Term - 20hrs p/w