

MOHD ABDUL MUQEEM

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EDUCATION

MASTER OF SCIENCE IN DATA SCIENCE - UNIVERSITY OF SALFORD

2025 - 2026

BACHELOR OF SCIENCE IN COMPUTER SCIENCE - OSMANIA UNIVERSITY

2021 - 2024

EXPERIENCE

DATA SCIENCE INTERNSHIP - *UNIFIED MENTOR PVT LTD.*

JULY - AUGUST 2024

- 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*

JANUARY - MAY 2024

- 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.
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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. using Python and Reddit API
- 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.

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, stopword removal).
 - Deployed an interactive web app enabling real-time email classification, reducing data noise by 40% and improving user security against phishing and junk emails.
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SKILLS

Programming - Python, SQL/MySQL

Machine Learning, Deep Learning, and NLP - Sklearn, NLTK, Tensorflow

Data Analysis and Visualization - Excel, Power BI, Matplotlib, Seaborn, Pandas

CERTIFICATION

- BCG Data Science Job Simulation - *Forage*
- DATA SCIENCE - *FULL STACK ACADEMY*