MOHD ABDUL MUQEEM

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EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, OSMANIA UNIVERSITY — 2021 - 2024

INTERMEDIATE - MPC, NARAYANA JUNIOR COLLEGE — 2019 - 2021

SKILLS

Programming - Python, SQL/MySQL
Machine Learning, Deep Learning, and NLP - Sklearn, NLTK, Tensorflow
Data Analysis and Visualization - Excel, Power BI, Matplotlib, Seaborn, Pandas

EXPERIENCE

DATA SCIENCE INTERNSHIP - *UNIFIED MENTOR PRIVATE LIMITED* — 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.

PROJECTS

1. JOB MARKET ANALYSIS IN DATA FIELD - 2024 — PROJECT CODE

- 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 — PROJECT CODE

- 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. GLOBAL EV CHARGING STATION ANALYSIS — PROJECT CODE

- Analyzed EV charging stations using **Python**, identifying trends in ratings, charger types, and cost distribution through **data visualization**. Found that fast chargers (DC Level 3) are 40% more common in urban areas and identified top 10% highest-rated stations.
- Conducted cost analysis of 50+ operators, revealing pricing trends and the most cost-effective networks..

CERTIFICATION

- BCG Data Science Job Simulation - ***Forage*** — March - 2025
- DATA SCIENCE - ***FULL STACK ACADEMY*** — May - 2024