MOHD ABDUL MUQEEM

Data Scientist

EXPERIENCE

Data Science Intern

UNIFIED MENTOR PRIVATE LIMITED | July 2024 – 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 Intern

FULL STACK ACADEMY | January 2024 – 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

JOB MARKET ANALYSIS IN DATA FIELD –

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.

- Analyzed 14,199 job roles to identify salary and job category trends.
- Visualized insights on top paying and in-demand roles.

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.

- Implemented a sentiment analysis model for financial discussions.
- Achieved F1 scores of 0.80, 0.82, and 0.88 using logistic regression, decision tree, and random forest models for stock movement prediction.

GLOBAL EV CHARGING STATION ANALYSIS –

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.

- Identified trends in EV charging station ratings, charger types, and cost distribution.
- Determined that fast chargers (DC Level 3) are 40% more common in urban areas.
- Conducted cost analysis of 50+ operators to reveal pricing trends.

CONTACT

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LinkedIn

GitHub

Portfolio

EDUCATION

SDCB, OSMANIA UNIVERSITY

BACHELOR OF SCIENCE in **Computer Science**

2021 – 2024

NARAYANA JUNIOR COLLEGE

INTERMEDIATE in **MPC**

2019 – 2021

SKILLS

Python, SQL/MySQL, Sklearn, NLTK, Tensorflow, Excel, Power BI, Matplotlib, Seaborn, Pandas, NumPy, Machine Learning, Deep Learning, NLP

CERTIFICATIONS

Advance Data Science

Full Stack Academy

BCG'S Data Science Job Simulation

Forage