MUSADDIK MAULAVI

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PROFESSIONAL SUMMARY

Data Scientist with a solid foundation in software engineering and financial data analysis, recently completed Master's in Data Science. Skilled in using Python and SQL to analyse and interpret large datasets, helping companies make informed decisions. Experience includes improving backend systems for better efficiency, creating data visualizations to present key findings, and applying statistical methods to projects like price prediction and fraud detection. Known for strong problem-solving abilities, effective communication, and the ability to work well both independently and as part of a team.

EDUCATION

University of Essex, United Kingdom   **Colchester, Essex**
Masters in Data Science | *Completed (2024)* | *Distinction*   Oct 2023 – Nov 2024

Savitribai Phule Pune University   **Pune, India**
BE in Computer Engineering | *Completed (2022*) | *CGPA: 9.19*   Aug 2018 – Aug 2022

WORK EXPERIENCE

Crowwd   *(Remote)*   **London, United Kingdom**
Financial Data Analyst (Contract)   May 2024 – August 2024

- Executed in-depth industry research and benchmarking analysis, identifying key market trends and uncovering lucrative investment opportunities that contributed to a 10% expansion in portfolio value.
- Conducted stock price predictions utilizing LSTM, neural networks, and Python.

Solar Secure IT Solutions   *(Remote)*   **Bangalore, India**
Data Science Intern   Oct 2023 – Dec 2023

- Extracted, cleaned, and analyzed large datasets using Python and SQL.
- Created data visualizations with Matplotlib and Seaborn to present findings, facilitating data-driven decision-making.
- Applied statistical methods for projects including hotel price prediction and credit card fraud detection.

Capgemini   *(On-site)*   **Pune, India**
Software Engineer (Full-time)   Sept 2022 – Sept 2023

- Designed and developed backend systems, enhancing efficiency by 30% through optimized algorithms.
- Collaborated with frontend teams to implement new features, increasing user engagement by 25%.
- Utilised Python, SQL to handle the database at the backend.

AREAS AND EXPERTISE

• Python	• Artificial Intelligence	• Keras
• Data Analysis	• Data Modeling	• Business Intelligence Tools
• Data Visualization	• Database Management	• Machine Learning
• Statistics Analysis	• Data Cleaning & Processing	• Quality Assurance
• Project Management	• Stakeholder Communication	• Cross Functional Collaboration

SKILLS AND CORE COMPETENCIES

- **Programming Languages:** Python, SQL, R, C, C++
- **Data Science**: Statistical Modelling, Machine Learning, Data Mining, Feature Selection, Unstructured Data Analytics, Natural Language Processing
- **Tools and Technologies**: Matplotlib, Seaborn, Power BI, Tableau, Keras, Advanced Excel, Agile Methodologies
- **Database Management**: Relational Databases, Advanced SQL
- **Analytical Techniques**: Regression Analysis, Predictive Analysis, Data Cleaning and Processing
- **Soft Skills**: Excellent Communication, Stakeholder Management, High Self-motivation, Autonomous Work

PROJECTS

1. Object Detection and Recognition to assist blinds using ML Algorithm. | Link
2. Data Analysis and Data Visualisation on Insects data. | Link
3. Bangalore House Price Prediction. | Link
4. Flight Price Prediction using AI/ML model. | Link
5. Global Video Games Sales Analysis. | Link
6. EDA and Data Visualisation on Colchester Crime Data. | Link
7. EDA and Data Visualisation on Colchester Weather Data. | Link