Muhammad Muazam Khan (Data Scientist/Analyst)

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About Me

Data scientist with hands-on experience in machine learning, data wrangling, and visualization. Proficient in Python, SQL, Excel, and data analysis tools such as Tableau. Dedicated to leveraging data-driven insights to drive business growth and optimize decision-making processes.

EDUCATION

Institute of Management Sciences (IMSciences)
BS Data Science

Sept 2020 - 2024

EXPERIENCES

CODSOFT - Machine Learning Intern

Aug 2023 -Sept 2023

- 1. **Credit Card Fraud Detection:** Utilized Python for data analysis and model building, resulting in the development of robust machine learning models for fraud detection.
- 2. **Movie Genre Classification:** Implemented machine learning techniques to categorize movies into genres, enhancing recommendation systems.
- 3. **Spam Mail Detection:** Created a model to filter spam emails, improving user experience and security measures.

CERTIFICATION

- Excel Basics for Data Analysis
- Python for Data Science, AI & Development

TECHNICAL PROJECTS

- 1. **Human Brain Tumor Detection:** We developed a front-end interface where users can upload an MRI image, and the machine learning model will determine whether there is a tumor or not (binary classification).
- 2. **Credit Card Fraud Detection:** Utilized Python for data analysis and model building, resulting in the development of robust machine learning models for fraud detection.
- 3. **Movie Genre Classification:** Implemented machine learning techniques to categorize movies into genres, enhancing recommendation systems.
- 4. **Spam Mail Detection:** Created a model to filter spam emails, improving user experience and security measures.
- 5. **Excel Data Analysis:** Conducted comprehensive analysis and visualization projects in Excel, delivering insights for decision-making.
- 6. **Custom Dashboard Creation:** Designed tailored dashboards for HR and Sales departments to monitor key metrics effectively.
- 7. Python Data Science Projects: Executed various Python projects, addressing diverse business challenges.
- 8. **Case Study Analysis:** Leveraged Excel for in-depth analysis of case studies, providing insights for process improvements.
- 9. **Data Analysis Proficiency:** Demonstrated expertise in advanced data manipulation, and visualization techniques.

SKILLS

- Tableau
- Excel
- Python
- SQL
- Machine
- Statistical Analysis