Ameerunnisa Begum

Data Scientist

✉ amerunisa56@gmail.com

📞 +91 9032687771   📍 Hyderabad, India

in linkedin.com/in/ameerunisa

○ ameerunisa19

🪪 PROFILE SUMMARY

Experienced Data Scientist proficient in Python, Power BI, SQL, and Excel with expertise in Machine Learning (Regression, Classification, Clustering). Skilled in impactful Data Analysis, Data Visualization, Data Mining, and Dashboard & Reporting solving world challenges. Effective communicator & collaborator across teams.

🧠 SKILLS & INTERESTS

Languages
Python, SQL (Data Manipulation & Querying), HTML, CSS, JavaScript

Machine Learning Frameworks
Scikit-Learn, Keras, TensorFlow, Natural Language Processing (NLP), PyTorch, Streamlit, Model Deployment on Cloud (Hugging Face)

Data Visualization & Tools
Microsoft Power BI, Tableau, Data Transformation and Processing (Alteryx), Microsoft Office (Word, Excel, PowerPoint)

Platforms
PyCharm, Jupyter Notebook, Visual Studio, Git

Python for Data Analysis & Manipulation
Numpy, Pandas, Matplotlib, Seaborn, Plotly, EDA, Data Visualization & Reporting,

SoftSkills
Rapport Building, Strong Communication, Problem-Solving, Team Collaboration, Analytical Thinking, Fast Learner.

Requirement Gathering, Exploratory Data Analysis (EDA), Extract Transfer Load (ETL), APIs, Statistical Analysis, Relational Database(RDMBS), Agile Methodologies, Project Lifecycle (SDLC), Generative AI, Deep Learning, AI/ML

🎖 CERTIFICATES

Data Science | Full Stack Academy ⌉

Microsoft Power BI | Growth School ⌉

IBM SkillsBuild Project Based Internship ⌉
Project Title: Drowsy Driver Detection

💼 PROFESSIONAL EXPERIENCE

Acess Meditech Pvt Ltd | Full-time | Onsite ⌉
Data Science Intern
01/2024 – 04/2024 | Hyderabad, India
- Collaborated with cross-functional teams to gather requirements, define project scope, and align with business objectives, fostering effective teamwork and initiative success.
- Conducted **in-depth data analysis**, resulting in a **15% increase in forecasting accuracy**.
- Managed **extensive datasets (>1TB)**, ensuring **Agile workflow** efficiency
- Implemented **data-driven strategies**, for a **20% efficiency boost** and **reduced workload time.**
- Contributed to **AI chatbot development** using **RASA**, integrating **Flask** for **web deployment**.

Codsoft Virtual Internship ⌉
10/2023 – 11/2023
- Analyzed diverse datasets, performing data cleaning, wrangling, transformation, and model training with various algorithms during a virtual internship spanning one month.
- Conducted exploratory data analysis (EDA) and visualization to gain valuable insights, informing decision-making processes, and streamlined data collection, documentation procedures, and model training workflows for efficient execution.

📁 PROJECTS

Insurance AI Chatbot Development
- Spearheaded the successful development of an AI chatbot, optimizing user engagement and data handling efficiency through **HTML, CSS, JavaScript, and MySQL implementation**.
- Led initiatives to optimize the claims process, forecasting a significant **15% reduction in turnaround time**, and applied **Python and JSON** for efficient data management and validation.
- Utilized **Agile methodology** to ensure efficient workflow management, streamlining data collection and record-keeping processes, resulting in a noteworthy **20% decrease in operational time**.

Cancer Prediction Using Machine Learning ⌉
- Developed Random Forest ML models for cancer prediction, achieving 95%+ accuracy.
- Tackled data challenges like class imbalances and outliers using methodologies like SMOTE and Min Max scaling, enhancing predictive performance and improving diagnostic accuracy and patient outcomes.

🎓 EDUCATION

Master of Computer Applications (MCA)
St. Ann's College For Women
CGPA : 8.5   **07/2023**

Bachelor of Science (M.E.Cs)
St. Francis College For Women
Mathematics, Electronics, Computer Science
CGPA : 8.5   **07/2021**