

MUBASSHIR AHMED

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EDUCATION

St. Paul's Degree College, Osmania University

Sep 2022 – Apr 2025

Bachelor of Computer Applications (BCA), GPA: 8.76/10

Hyderabad, India

- Coursework: **Data Structures & Algorithms, SQL, Python Programming, Statistics & Data Analysis, Machine Learning.**
- Highlights: Core Organizer – **VisionX Tech Fest (Seasons 1 & 2)**; Member – AI & Data Science Club.

SKILLS

Programming & Analytics: Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn), SQL, Statistics, Machine Learning (Supervised & Unsupervised, Regression)

Data Visualization & BI Tools: Power BI (Dashboards, DAX, Paginated Reports), Tableau, Excel (Power Query, PivotTables, VBA, Macros, AI-powered Excel), Streamlit, Gradio

Databases: SQL Server, MySQL, PostgreSQL, MongoDB, Data Warehousing, ETL Pipelines, Data Modeling

Other Tools & Platforms: Jupyter Notebook, VS Code, Spyder, PyCharm, DBeaver, Notion, GitHub

Additional Exposure: MERN Stack (Node.js, JavaScript, MongoDB, React), Large Language Models (Ollama, Mistral-7B), Generative AI Applications

WORK EXPERIENCE

Data Science Intern –Certificate

May 2025 – Aug 2025

Alfido Tech – Remote

Hyderabad, India

- Completed a **4-month AICTE-approved internship** in applied data science and analytics.
- Performed **data cleaning, preprocessing, and EDA** on real-world datasets (**Zomato, Sales, Loan Applications, Social Media**).
- Built predictive **ML models** (Loan Approval, Customer Segmentation) using **Python (Pandas, NumPy, Scikit-learn)**, achieving up to **90% accuracy**.
- Developed **Power BI dashboards** and **Python visualizations (Matplotlib, Seaborn)**, automating pipelines and **reducing manual effort by 30%**.

PROJECTS

End-to-End Data Warehouse & Analytics Platform (Retail) — GitHub

SQL Server, ETL, Power BI

- Architected a **SQL Server Data Warehouse** with **Medallion Architecture**, integrating CRM & ERP data (**30K+ customers, 250K+ sales**).
- Engineered **ETL pipelines & Star Schema**, **cutting load time by 90%** and boosting BI query **speed by 50%**.
- Delivered **10+ SQL reports & Power BI dashboards**, uncovering **20%+ revenue growth opportunities**.

EDA-GenAI Dashboard (AI-Powered EDA) — GitHub | Live Demo

Python, Streamlit, Ollama

- Built a **Streamlit EDA dashboard** for dataset upload, cleaning, and visualization (**plots, heatmaps, boxplots**).
- Integrated **Generative AI (Mistral-7B)** for **real-time insights & automated cleaning**, **reducing preprocessing by 50%**.
- Enabled automated **PDF reporting** with dataset summaries, visuals, and AI-driven insights.

Sales Performance Dashboard — GitHub

Power BI, Excel (DAX, Power Query)

- Developed a **Power BI dashboard** to track **revenue, profitability, product trends, and regional sales**.
- Automated **Excel reporting** via Power Query & PivotTables, **cutting manual effort by 40%**.
- Created advanced **DAX KPIs (YoY growth, profitability tiers, moving averages)** for executive insights.

CERTIFICATIONS

- Data Analytics Virtual Internship – Deloitte Australia via Forage Jun 2025
- Data Analyst Skill Certification – One Roadmap Jun 2025
- SQL Skill Certification – One Roadmap Jun 2025