

Mohammad Asif

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PROFESSIONAL SUMMARY

Data Analyst skilled in Python, SQL, Power BI, and Tableau, with experience in data cleaning, statistical analysis, and visualization. Developed interactive dashboards and automated reporting solutions to drive data-informed decisions. Proficient in EDA, descriptive/inferential statistics, and business insights generation.

TECHNICAL SKILLS

- Programming:** Python (Pandas, NumPy, Scikit-learn), SQL
- Data Visualization:** Power BI, Tableau, Excel, Matplotlib, Seaborn, Plotly
- Data Analysis:** Data Cleaning, EDA, Statistical Analysis, Hypothesis Testing, A/B Testing, ETL, Data Modeling
- Databases:** MySQL, SQLite
- Machine Learning:** Regression, Classification, Clustering, Feature Engineering, Model Evaluation
- Cloud & Tools:** Git, GitHub, Jupyter Notebook, VS Code, Azure, AWS (S3, Redshift)

PROJECTS

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| H-Mart Store Business Analytics | Sep 2025 |
| - Built Power BI dashboard analyzing 100K+ transactions across 50+ stores, uncovering key revenue drivers | |
| - Identified top-performing region contributing 35% of total revenue and improved reporting efficiency by 62.5% | |
| - Automated ETL workflows using SQL and DAX, enabling real-time performance monitoring and accuracy | |
| COVID-19 Data Analytics | Oct 2025 |
| - Analyzed 500K+ COVID-19 records to identify global vaccination trends; 75% concentrated in top 10 countries | |
| - Created 10+ interactive visualizations using Python Pandas, Matplotlib, Seaborn to track regional performance | |
| - Discovered 40% variance in vaccination efficiency across regions, providing insights for public health resource allocation | |
| Matplotlib Seaborn Introduction | Oct 2025 |
| - Developed a visualization toolkit demo using Matplotlib and Seaborn to explore line-plots, histograms, scatter-plots, violin- and box-plots. | |
| - Showcased techniques to customise colors, grid-layouts and subplots for effective data storytelling. | |
| - Employed Python libraries such as NumPy, Pandas alongside Jupyter Notebook to manage and visualise datasets efficiently. | |

EDUCATION

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| B.Tech in Information Technology | Aug 2021 - Jun 2024 |
| Malla Reddy Institute of Technology and Science, Hyderabad | |

COURSEWORK

- Relevant Coursework:** Data Structures and Algorithms, DBMS, Python Programming, Statistics, Data Analytics, Machine Learning, Data Visualization, Probability, Linear Algebra, Big Data Fundamentals, Business Intelligence, EDA, SQL for Data Analysis