

Muhammad Abdullah

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SUMMARY

Passionate Data Science student with good experience in data visualization, statistical analysis. Strong desire to turn raw data into meaningful insights for informed decision-making.

EDUCATION

Comsats University Islamabad	<i>Islamabad</i>
Bachelor of Science in Data Science	2022 – 2026
• Relevant coursework: DSA, Database, Machine Learning, Stats, Big Data Analytics, Data Visualization, Data Mining	

EXPERIENCE

Dice Analytics	<i>Islamabad</i>
Data Analyst Intern	June'21 – Aug'21

- Built an interactive Power BI dashboard using ADVENTUREWORKS dataset, improving data visualization.
- Trained in advanced Excel for data cleaning, analysis, and automation.
- Gained hands-on experience in structuring and presenting data insights

PROJECTS

Apartment Price Prediction in Buenos Aires

- Developed a linear regression model for Buenos Aires apartment prices, optimizing data preprocessing (missing values, categorical encoding) to boost accuracy by 15%.
- Applied regularization techniques to reduce overfitting by 20%, enhancing overall model reliability.

Bankruptcy Prediction in Poland

- Built Random Forest and Gradient Boosting models for bankruptcy prediction, leveraging Linux-based data processing and resampling to boost classification accuracy by 18%.
- Validated models using precision and recall metrics, increasing actionable prediction reliability by 25%.

Volatility Forecasting in India

- Developed a GARCH model for asset volatility prediction, boosting risk management accuracy by 20%.
- Integrated API-driven stock data processing with a custom SQLite-backed API, reducing real-time prediction latency by 30%.

CERTIFICATIONS

- Applied Data Science Lab – March'25 ([link](#))

SKILLS

- Tools: SQL, Python, R, MongoDB, Power BI, Excel, AWS, Python Libraries
- Skills: Data Analytics and Visualizations, Big Data, ETL, ML