



AMMAR AFZAL



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[ammar-afzal277](#)

EDUCATION

Bachelor of Science in Computer Science

CGPA 3.50

National University of
Modern Languages
(NUML), Islamabad

2024 – Present

(Expected Graduation: 2028)

SKILLS

PROGRAMMING LANGUAGES

- Python
- C++
- Java
- SQL

TOOLS

- MS Office Suite
- Git
- Numpy & Pandas
- Matplotlib

SOFT SKILLS

- Communication
- Problem Solving
- Critical Thinking

LANGUAGES SPOKEN

- Urdu
- English

PROFILE

Enthusiastic Computer Science student with hands-on experience in Python, SQL, and Excel. Passionate about analyzing data using NumPy, pandas, and matplotlib. Eager to apply classroom knowledge in real-world projects.

COURSES AND CERTIFICATIONS

• Databases and SQL for Data Science with Python

Learned how to write SQL queries to extract, filter, and analyze data. Applied SQL for real-world data handling and integrated it with Python for automated analysis.

• Excel Basics for Data Analysis – Coursera

Gained hands-on experience in organizing and analyzing data using Excel. Learned to use formulas, filters, and basic charts to explore and present data effectively.

Projects

E-Commerce Sales Analysis

- Conducted exploratory data analysis (EDA) on e-commerce sales data using pandas and matplotlib
- Visualized sales trends, seasonal patterns, and top-performing products
- Utilized grouping, merging, and aggregation techniques to extract actionable insights
- [GitHub Repository](#)

Statistical Summary Tool using NumPy

- Developed a command-line tool for statistical data analysis using NumPy
- Computes key metrics: mean, median, mode, range, variance, and standard deviation
- Implemented efficient vectorized operations to simulate core `.describe()`-like functionality
- [GitHub Repository](#)