

**Name:**

Muhammad Yousaf

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**Career Objective / Profile:**

Passionate and results-driven Data Science student with a strong foundation in algorithms, AI, and data-driven applications. Adept at applying data science principles, clean code practices, and interdisciplinary thinking to solve complex problems and contribute to impactful tech solutions.

**Education:**

Bachelor of Science in Data Science, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad, June 2027.

FSc. Pre-Engineering, Govt. Undergraduate College for Boys, DGKhan.

Matriculation, Govt. Boys High School No. 1, DGKhan.

Relevant Courses: Data Structures, Data Analysis and Visualization, Design and Analysis of Algorithms

**Skills:**

- Programming Languages: C++, Python, R, C, Dart
- Mobile Application Development: Flutter, Dart
- Statistical Modeling
- Data analysis and visualization
- Databases: MySQL, Shared Preferences (Flutter)
- Team Collaboration and Communication
- Languages: English, Urdu

**Experience / Internships:**

1. AI and Mobile Application Development Intern, Software Productivity Strategists, NSTP, Islamabad  
July 2025 – September 2025
  - Developed interactive UIs using Flutter and integrated backend using Firebase
  - Developed a virtual AI chatbot using IBM's WatsonX AI Assistant service

**Projects / Research:**

1. Pakistan Inflation rate prediction model, April 2025
  - Performed comparison-based research and analysis on Inflation indicators in Pakistan by literature review, and ran various models like ARIMA, Ridge and Lasso to discover which model best predicted the inflation rate.

**Achievements / Extracurricular Activities:**

- Participant, EDathon - Nascon 2025
- Volunteer Teaching Assistant, Master Ayub Park School, F-6 - 2025
- Organizer – Technology Workshop for Orphans at HSF, H-13 – 2025

**References:**

Available upon request