### Name:

Zara Tanveer

### **Contact Information:**

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## **Career Objective / Profile:**

Enthusiastic Data Science undergraduate currently in the 5th semester, skilled in data analysis, programming, and visualization. Passionate about applying analytical thinking and machine learning to develop data-driven solutions that create real-world impact.

### **Education:**

Bachelor of Science in Computer Science, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad, June 2027 Relevant Courses: Object-Oriented Programming, Database Systems, Artificial Intelligence GPA: 3.2 / 4.00

### **Skills:**

■ Programming Languages: Python, R, C++

Web Development: HTML, CSS, JavaScript, React

Databases: MySQL, MongoDB
Tools: Git, VS Code, Figma
Data Analysis and Visualization

■ Team Collaboration & Communication

■ Languages: English, Urdu

Experience / Internships: NA

## Projects / Research:

- 1. Causes of inflation in Pakistan March 2025
  - Conducted an in-depth analysis of inflation trends in Pakistan using statistical and visualization techniques.
  - Explored relationships between key economic indicators to identify potential causes and patterns.
  - Tools: Python (pandas, matplotlib), Excel
- 2. Imtiaz Sales Growth Analysis Nov 2024
  - Analyzed sales data of Imtiaz stores using univariate, bivariate, and multivariate analysis techniques.
  - Applied K-Means clustering to segment customers and identify strategies to boost sales.
  - Tools: Python (pandas, seaborn, scikit-learn

# 3. Curex App - May 2025

- Designed a relational database system in SQL for connecting doctors and patients through a secure platform.
- Developed efficient table relationships, constraints, and queries for real-time data management.
- Tools: SQL, MySQL Workbench

# 4. NASCON Event Website - April 2025

- Developed backend database for NASCON event management and registration system.
- Implemented SQL queries for participant records, scheduling, and event tracking for different users.
- Tools: SQL, C#

# **Achievements / Extracurricular Activities:**

- Participant,, FAST Edathon— 2025
- Member, FAST Data Science Society 2024–Present
- Member, FAST Wall of Hope Society 2024–Present
- Volunteer, Pehli Kiran Schools 2024