

**Taha Yasin Shah**

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**Career Objective**

Data Science student with a solid foundation in machine learning, data visualization, and statistical analysis.

Passionate about building intelligent systems that convert raw data into actionable insights.

**Education**

BSc Data Science, FAST NUCES, 2027 | GPA: 2.78

Relevant Courses: Data Structures, Object Oriented Programming, Programming Fundamentals

**Skills**

**Languages:** C, C++, C#, Python, R, SQL, x86 Assembly (MASM)

**Libraries & Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, NLTK

**Technologies & Tools:** Linux, WSL2, Git, GitHub, MySQL, Google Colab

**Experience / Internships****Projects****1. Predictive Modeling and Customer Clustering for Retail Optimization**

Analyzed Imtiaz Mall's electronics sales data to identify causes of revenue decline and retention gaps.

Applied Linear Regression, Decision Trees, and K-Means clustering for predictive modeling and segmentation.

**2. Inflation Forecasting using Machine Learning Models**

Forecasted 2026 inflation using ARIMA, Random Forest, and SVR on economic indicators (GDP, WTI, M2, unemployment, interest rate) to identify key predictors and model performance in R.

**Achievements / Extracurricular Activities**

High Achiever's Award – O Levels

High Achiever's Award – A Levels