

# MUHAMMAD UMAR ILYAS

## DATA SCIENTIST

### OBJECTIVE

Aspiring Data Scientist and AI enthusiast with strong programming skills and a passion for solving real-world problems using Machine Learning and Deep Learning. Eager to grow with a remarkable company by leveraging my technical expertise in AI, Data Science, and Software Development while contributing to innovative projects.

### CONTACT

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### PROJECTS

#### AI Team Optimizer

Designed a machine learning-based project for optimizing team performance. Applied data analysis and visualization techniques to derive insights.

#### Personality Matching Through Speech

Created an AI model that matches personalities based on speech patterns. Used speech-to-text processing and NLP techniques for feature extraction.

#### Twitter Data Analyzer

Performed sentiment analysis on Twitter data using NLP techniques. Utilized Python and Jupyter Notebook for data processing and visualization.

#### Big Data Project: Sales Forecasting

Implemented predictive analytics for sales forecasting using big data techniques. Leveraged machine learning models to enhance business decision-making.

#### Automated Email Detector

Developed an AI-powered system to detect and classify emails automatically. Implemented NLP and machine learning techniques for categorization.

#### Handwritten Image Digit Classifier

Developed an AI-powered system to detect and classify emails automatically. Implemented NLP and machine learning techniques for categorization.

### TECHNICAL SKILLS

- Programming Languages: Python, C++, Java, SQL, Assembly Language
- Machine Learning & AI: Supervised & Unsupervised Learning, Deep Learning, NLP, GANs, RNNs, Computer Vision, Reinforcement Learning
- Data Science & Analytics: Data Wrangling, Data Cleaning, Feature Engineering, Statistical Analysis, A/B Testing, Predictive Modeling
- Data Mining & Processing: Web Scraping, Big Data Processing, Text Mining, Sentiment Analysis
- Data Visualization: Matplotlib, Seaborn, Power BI, Tableau

### SOFT SKILLS

- Problem-solving & Analytical Thinking
- Strong Communication & Team Collaboration
- Adaptability & Quick Learning
- Leadership & Project Management

### ACADEMIC HISTORY

Bachelor of Science in Data Science  
FAST University, Lahore