Ali Hamza

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Aspiring Data Scientist and ML Engineer

Summary

Driven Computer Science student and certified Data Analyst with hands-on KPMG internship experience in customer analytics. Proficient in Python, SQL, and machine learning, with a passion for solving real-world problems through data-driven storytelling

Education

National University of Modern Languages (NUML) — Islamabad, Pakistan
Bachelor in Computer Science — CGPA: 3.5 — *Sept 2023 – June 2027*

Punjab Group of Colleges (PGC), Pasrur — Punjab, Pakistan
Intermediate (ICS) — *Graduated 2023*

Technical Skills

Programming Languages: Python, C++, SQL

Data Science & Analytics: Pandas, NumPy, Matplotlib, Seaborn, Plotly, Statistical Analysis, Data Visualization

Machine Learning: Scikit-learn, Model Evaluation

Web Technologies: Dash, BeautifulSoup

Tools & Databases: Git/GitHub, Jupyter Notebook, VS Code, MySQL,API

Experience

Data Analytics Intern — Remote, Pakistan
Fluxxion (KPMG Partnership) | *Intern ID: FLX-S8-162* — *Dec 2025 – Jan 2026* (2 mos)

- Analyzed customer data to identify the top **1,000 best customers** using RFM (Recency, Frequency, Monetary) analysis
- Performed end-to-end data cleaning, transformation, and customer ranking to support business decision-making
- Delivered actionable insights and structured reports under the KPMG internship program

Projects

SpaceX Launch Success Prediction | *Python, Scikit-learn, SQL, Plotly Dash* — 2025
- Predicted Falcon 9 landing success using Logistic Regression, SVM, and Decision Trees
- Collected data via SpaceX REST API and Wikipedia web scraping
- Built interactive Plotly Dash dashboard for launch data exploration
- **GitHub:** github.com/Ali-Hamza-developer/Applied-Data-Science-Capstone

Data Visualization Dashboards | *Python, Dash, Plotly, Pandas* — 2025
- Built dashboards for Australian wildfire activity and automobile sales trends
- Created dynamic visualizations using Plotly and Dash for data-driven storytelling
- Designed responsive layouts for effective presentation of complex data patterns and insights
- **GitHub:** github.com/Ali-Hamza-developer/data-visualization-with-python-ibm

Certifications

Machine Learning Specialization — DeepLearning.AI / Coursera
IBM Data Science Professional Certificate — IBM / Coursera
Advanced Google Data Analytics — Google / Coursera
Google AI Essentials — Google / Coursera