Hassan Raza

Data Scientist

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SKILLS

- Strong analytical and data interpretation skills
- Excellent communication skills
- Ability to manage priorities and cross-functional collaboration
- Python, Streamlit, Pandas, Numpy, Scikit-Learn, Seaborn, Ploty, Matplotlib, SQL
- Exploratory data analysis
- Regression analysis
- Advanced modeling
- Statistical analytics

EXPERIENCE

- **SGCA School Management Software (Python, SQLite, Streamlit)**
  Developed a desktop ERP system for a primary school with modules for student management, fee tracking, certificates, and SMS center.
  Deployed as an executable (.exe) for offline use by administrators.

- **Fake News Detection ML Project (Python, Scikit-learn)**
  Implemented ML models (Logistic Regression, Random Forest, SVM TF-IDF) to classify news articles.
  Achieved 80% accuracy with explain ability reports for performance metrics.

- **Olympic Story: 120 Years of History (Interactive Dashboard)**
  Built a Streamlit dashboard visualizing Olympic data using Python & Plotly.
  Project link: https://www.kaggle.com/hassanrazakhattak
  Live Demo: https://olympicsdashboardbyhassanraza051.streamlit.app/

- **Superstore Sales Dashboard (ML Forecasting & Responsiveness)**
  Created a responsive dashboard with ML forecasting models (3–12 month horizon).
  Live Demo: https://superstoredashboard-byhassanraza.streamlit.app/

- **Bellabeat Case Study: Smart Device Data Analysis**
  Conducted EDA and SQL analysis for Fitbit data to generate marketing insights.
  Kaggle Link: https://www.kaggle.com/hassanrazakhattak

- **Anomaly Detection in Telecom Networks (ML/DL Project)**

Built ML and deep learning models for traffic anomaly detection.
Kaggle Link: https://www.kaggle.com/hassanrazakhattak

EDUCATION

Bs Computer Science- From University of Peshawar

Google Career Certificate in Advanced Data Analytics

Google Career Certificate in Data Analytics

LANGUAGES

English, Urdu, Pashtu