

# HASSAN IQBAL

Data Scientist

+92-320-6759926

mrhassaniqbal67@gmail.com

C-II, Johar Town, Lahore

LinkedIn

Portfolio

## SUMMARY

Motivated Data Science Intern with a strong foundation in statistics, machine learning, and data analysis. Skilled in Python, SQL, and data visualization using tools like Matplotlib, Seaborn, and Excel. Familiar with end-to-end workflows including data cleaning, exploratory analysis, and model building using libraries such as Pandas, Scikit-learn, and NumPy. Eager to apply theoretical knowledge to real-world problems, contribute to data-driven decision-making, and grow within a collaborative and innovative team environment.

## EDUCATION

University of Lahore, Lahore

MS, Data Science

Feb 2025 – Present

University of Education, Lahore

Bachelor of Mathematics

Nov 2019 – May 2023

## PROJECTS

Exoplanet Classification using Kepler Data

2024

- Built custom feature visualizations and anomaly detection pipelines.
- Applied supervised learning techniques for classification of exoplanets.

Solar Flare and Galaxy Classification

2024

- Used supervised models and data mining techniques for multi-class classification tasks.
- Visualized feature contributions to enhance model interpretability.

Voice Biometrics System

2024

- Developed speaker authentication using deep audio features and neural networks.

Spam Email Detection

2024

- Used NLP preprocessing and classification models for spam filtering.

## TECHNICAL SKILLS

- Languages & Libraries:** Python, Pandas, NumPy, Scikit-learn, Keras
- Visualization:** Matplotlib, Seaborn, Feature Importance Graphs, Dashboards
- Databases:** MySQL, MongoDB, Graph Query Language
- ML Techniques:** Supervised Learning, Anomaly Detection, NLP, Data Mining
- Preprocessing:** Data Cleaning, Feature Engineering, Imputation, SMOTE, Interpolation
- Tools:** Hadoop, Power BI, Excel, Orange, KNIME, Neo4j, OWL
- Others:** Object-Oriented Programming, Data Structures