



# Usama Bin Atta

## Junior Data Scientist

Junior Data Scientist actively seeking an internship role. Proficient in Python, I'm passionate about leveraging data for actionable insights. My experience in machine learning and visualization, along with a track record of Multiple Machine Learning projects, makes me poised to contribute effectively to your Organization.

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## EDUCATION

### Bachelors in Computer Science

UNIVERSITY OF GUJRAT

2019 - 2013

#### Courses

- Specialization in Data Science

### Intermediate (FSc Pre-Engineering)

BISE Gujranwala

2017 - 2019

### Matriculation

BISE Gujranwala

2015 - 2017

## WORK EXPERIENCE

### Internship

INeuron.ai

#### Achievements/Tasks

- **Flight Fare Prediction**
- Performed Data Cleaning
- Conducted Exploratory Data Analysis (EDA)
- Executed Data Preprocessing
- Built Models using Random Forest Regressor
- Optimized Models through Hyperparameter Tuning using RandomizedSearchCV
- **Code:** [GitHub-Repository-Link](#)

### Internship

INeuron.ai

#### Achievements/Tasks

- **Campus Placement Prediction**
- Performed Data Cleaning
- Conducted Exploratory Data Analysis (EDA)
- Built Models using Support Vector Machine
- **Code:** [GitHub-Repository-Link](#)

## SKILLS

Python

SQL

Numpy

Pandas

Scikit-Learn

Keras

Matplotlib

Seaborn

Tableau

Power BI

Statistical Analysis

Data Cleaning

Data Preprocessing

Anaconda

Google Colab

HTML

CSS

## PERSONAL PROJECTS

### BITE RIGHT

#### - FINAL YEAR PROJECT

- **Problem Statement:** Solving the problem of identifying Halal, Haram, and Mushbooh products through ingredient scanning in the Bite Right app.
- **Approach:** Solution for Halal, Haram, and Mushbooh product identification, integrating data collection, EDA, OCR, NLP, and CNN modeling. Enabled real-time API results through a user-friendly Flutter front-end design.
- **Result:** Achieved prediction accuracy of 93.3% through CNN model.

### Multiple Disease Prediction

- **Problem Statement:** Enhancing healthcare with predictive models for heart disease, diabetes, and Parkinson's.
- **Approach:** Developed three distinct classification models—Logistic Regression for heart disease, SVM for diabetes, and Parkinson's prediction. These models were seamlessly integrated into a web application using Streamlit for user-friendly access.
- **Result:** Achieved high accuracy rates: 85.25% for heart disease, 77% for diabetes, and 87% for Parkinson's prediction.
- **Link:** <https://multiple-disease-prediction-web.streamlit.app/>

## LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency

Punjabi

Native or Bilingual Proficiency