

# SAAD RASHEED

+92-332-2468679    saadrasheeddev@gmail.com    linkedin.com/in/saadrasheeddev    github.com/saadrasheeddev  
kaggle.com/saadrasheeddev

## Education

Goldsmiths, University of London

Sep 2021 – August 2025

Bachelor of Science in Computer Science (Honours)

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Machine Learning
- Software Methodology
- Database Management
- Data Science
- NLP

## Experience

### Zaavia

September 2023 – Present

Junior Data Engineer - Machine Learning Engineer

Karachi, Pakistan

- Implemented RAG system using langchain and faiss in EDMS. In collaboration with LLM, this RAG system helps finding relevant information in matter of seconds and also cites the document that contains that information.
- Developed time series forecasting model to predict blood demand for various blood groups, optimizing blood bank inventory management.

### Visa Bridge (AI-Powered Solution to help people to migrate)

October 2023 – December 2023

Data Curator Intern

Remote

- Curated migration data for 75+ countries, including visa requirements, high-paying professions, living expenses, and opportunities.
- Transformed data into a consistent format for seamless country comparisons.

## Projects

### Scraping and Analysis of T20 World Cup Data | Python, Web Scraping, EDA, Visualizations

k Dataset

- Scraped all the necessary data from ESPNcricinfo for T20 World Cups from 2007 till 2022.
- Performed in-depth analysis only for Pakistan team and their matches.
- Pakistan Played 47 matches in T20 World Cups altogether, Lost 18. Lost 5 to India and 4 to Australia.

### Exploring Gufhtugu Publications Dataset | Python, EDA, Visualizations

k Notebook

- Found out that out of 18000 total orders, 13000 orders were placed on Weekends.
- 14000 orders were placed in December and January. Possibly because of New Year motivation.
- Best seller was "How to earn money Online".

### Sentiment Classifier using LLM (Flan-T5) | LLM, Fine Tuning

Repository

- Made synthetic data for an imaginary product. Data was in the form of (text, sentiment) pairs
- picked an open source model from huggingface (flan-t5) and fine tuned it using PEFT technique
- It correctly classifies negative and positive sentiments out of any text

### Book Recommendation System | Python, Flask, Collaborative Filtering

Repository

- Filtered IMDb Book data with ratings of each book. Filtered books which were rated by more than 200 readers.
- Designed a Website using Flask as backend where home page shows all the popular books, having good ratings by high number of readers.
- Recommendation page asks for a book name and using cosine similarity, it recommends most probable 5 books this reader would like to read.

## Achievements

Kaggle Notebooks Expert Rank: 3258 / 325,043

WorldQuant University Applied Data Science Lab: Completed 16 weeks of learnings and 8 hands-on projects including various aspects of Data Science and Machine Learning. [Credly Badge]

IBM Data Science Specialization: Completed 10 courses and a hands-on Capstone Project. [Credly Badge], [Certificate Link]

## Technical Skills

Languages: Python, C++, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Jupyter Notebook

Technologies/Frameworks: Linux, GitHub