

Mujeeb Ur Rehman

Data Science

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PROFILE

I'm a motivated data science graduate eager to apply my skills in data science, machine learning, and data visualization to drive better business decisions. I'm a quick learner, adaptable, and always looking to grow in dynamic environments.

EDUCATION

BS Data Science

Islamia University Bahawalpur

09-2020 – 06-2024

GPA: 3.12

PROJECTS

Diabetes Health Advisor

- Developed an AI chatbot using the LLaMA2 model, fine-tuned with custom diabetes data.
- Provided personalized health recommendations, including diet, exercise, and medication.
- Enabled interactive tracking of blood sugar levels and daily habits with AI-powered insights.

Student Performance indicator system

- Developed an application to track and analyze student academic performance.
- Leveraged AWS and Azure for scalable data storage and real-time analytics.
- Implemented CI/CD pipelines with Docker on Ubuntu for automated deployment.
- Enhanced development workflows through continuous integration and delivery.

Advanced RAG Chatbot Development with Llama2 and Langchain

- Developed a RAG chatbot using the Llama2 model for enhanced responses.
- Integrated Langchain for real-time data retrieval from websites and Wikipedia.
- Used FastAPI to build a robust backend for efficient communication.
- Fine-tuned the model with domain-specific data to improve accuracy.

News Article Recommendation System

- Developed a recommendation system using machine learning and natural language processing (NLP).
- Analyzed user behavior and content to identify patterns and preferences.
- Generated personalized news article suggestions based on user interests and reading history.

Sentiment Analysis of Twitter Tweets

- Applied NLP techniques and ML models to classify tweets into sentiment categories (positive, negative, neutral).
- Assessed model performance using metrics such as accuracy and F1 score to ensure reliable sentiment classification.

Skills

- Python • Machine Learning • Data Analysis • NLP • Web Scraping
- Visualization • EDA • Chatbot Development • Langchain • FastAPI • Docker
- Cloud Technologies (AWS, Azure)

Soft Skills

- Communication
- Patience
- Curiosity
- Team work

Certificates

- Python for Everybody
- Data Scientist by DataCamp

Internships

- Octalooop Technologies
- Spark Foundation