

Ahmad Saeed

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Technical Skills

Languages and Databases: Python, SQL, HTML, CSS, JavaScript, Node JS, React, AWS, Azure, GitHub, Unity, C#, Firebase

Visualization Tools: Power BI, Tableau and Looker

Other Skills: Data Science, Data Analysis, Data Modeling & Engineering, Gen-AI, Computer Vision, DevOps, Advanced Excel

Experience

Tesseract Technologies <i>Data Scientist & AI/ML Engineer</i>	Jan 2024 – Present <i>Lahore, Pakistan</i>
<ul style="list-style-type: none">AI-Powered Document Processing: Developed Claustro.io, an AI-driven platform leveraging GPT-3.5-Turbo to generate summaries, MCQs, short and long questions from user-provided PDFs. Implemented seamless PDF/DOCX exports, enhancing accessibility. Successfully delivered to a Spanish client, optimizing document analysis and educational content creation.	
ITSOLERA <i>Data Scientist & AI/ML Engineer</i>	Aug 2022 – Jan 2024 <i>Islamabad, Pakistan</i>
<ul style="list-style-type: none">Predictive Analytics & Data Automation: Designed and implemented ML/DL models, increasing forecasting accuracy by 20% and improving operational efficiency by 15%. Optimized ETL pipelines, reducing data processing time by 30% while ensuring high data integrity and reliability.Financial Data Insights & BI Solutions: Developed interactive Power BI dashboards for real-time financial analysis, enabling data-driven decision-making across departments. Integrated advanced analytics to uncover trends, enhance reporting, and drive strategic business insights.	
UET (KICS Department) <i>Data Scientist & AI/ML Engineer</i>	Sep 2021 – Aug 2022 <i>Lahore, Pakistan</i>
<ul style="list-style-type: none">AI-Powered Financial Planner: Developed an AI-driven financial planning tool that analyzes income, expenses, and investments to provide personalized financial advice. Implemented regression models for budget optimization and future expense prediction, enhancing financial decision-making.	

Personal Projects

- Chatbot with Web scraping and LLM integration**
 - Developed a chatbot with web scraping using **Requests and BeautifulSoup**. Proficient in **Transformers, Ngrok, Pandas, Flask, and NLP tasks** (text generation, translation, sentiment analysis, NER) using Hugging Face and Blenderbot. **Integrated and fine-tuned NLP models** for high accuracy and deployment.
- Stock Market Price Prediction Model**
 - Analyzed stock data using **Pandas, NumPy, Matplotlib, Pytorch, and scikit-learn**. Implemented K-Nearest Neighbors (KNN) for predicting **time-series** stock prices, validated using **accuracy and RMSE metrics** against actual values.
- Movie Recommender System**
 - Pandas, NumPy, Tensorflow, Keras, and scikit learn** for data processing and similarity calculations. Develop custom recommender function utilizing **CountVectorizer** and **cosine similarity** to suggest **top 5 movies based on user input**.
- License Plate Recognition (LPR)**
 - Developed a **deep learning AI-Powered based LPR** using **Python, YOLOv8, and EasyOCR**. Applied **object detection and optical character recognition (OCR)** techniques to achieve **high-precision real-time LPR**. Optimized model performance for **accuracy and scalability** in real-world applications.

Courses & Certifications

IBM / Python for data science	Sep 2023 - Dec 2023
IBM / Machine learning with python	Jan 2024 - May 2024
IBM / Deep learning with fundamentals	May 2024 - Oct 2024
IBM / SQL & Relational Database	Aug 2020 – Nov 2020
Coursera / Essential Google Cloud Infrastructure - Foundation	Jan 2024 – April 2024
Coursera / Google Cloud Fundamental – Core Infrastructure Certificate	May 2024 – Aug 2024

Education

Superior University <i>Bachelor of Science in Information and Technology</i>	Sep 2018 – July 2022 <i>Lahore, Pakistan</i>
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