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 Jan 2024 – Present**

*Data Scientist & AI/ML EngineerLahore, Pakistan*

•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 Aug 2022 – Jan 2024**

*Data Scientist & AI/ML Engineer Islamabad, Pakistan*

•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.**

**Personal Projects**

**1.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.

**2.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.

**3.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.

**4.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-precisionreal-time LPR. Optimized model

performance for accuracy and scalability in real-world applications.

**Courses & Certifications**

**IBM | Python for data science  
 IBM | Machine learning with python   
 IBM | Deep learning with fundamentals   
 IBM | SQL & Relational Database   
 Coursera | Essential Google Cloud Infrastructure - Foundation**

**Sep 2023 - Dec 2023 Jan 2024 - May 2024 May 2024 - Oct 2024 Aug 2020 – Nov 2020 Jan 2024 – April 2024**

**Coursera | Google Cloud Fundamental – Core Infrastructure Certificate May 2024 – Aug 2024**

**Education**

**Superior University Sep 2018 – July 2022**

*Bachelor of Science in Information and Technology*

*Lahore, Pakistan*