Ahmad Saeed

Data Scientist and Analyst

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Technical Skills

Languages and Databases: Python, SQL, R, HTML, CSS, JavaScript, C#, C++, AWS, Azure, GCP, Unity, Firebase, Git, AR, VR
Visualization Tools: Power BI, Tableau and Looker
Other Skills: Data Science, Data Analysis, Data Modeling & Engineering, Gen-AI, DevOps, Advanced Excel, Business Analysis

Experience

ITSOLERA   **Jan 2024 – Present**
Data Scientist   *Islamabad, Pakistan*

- **Data Analysis & Predictive Modeling:** Performed comprehensive data analysis and developed **machine learning (ML)** models for predictive analytics, achieving a 15% increase in operational efficiency and a 20% boost in forecasting accuracy for client projects.
- **ETL Pipeline Optimization & Data Automation:** Optimized ETL pipelines, automating data processing tasks to reduce processing time by 30% and enhance data quality. **Created interactive dashboards and detailed reports**, improving data accessibility across teams and accelerating data-driven decision-making.

KICS (UET), Game Pixel Studio, Root Pointers   **Sep 2021 – Jan 2024**
Game Developer   *Lahore, Pakistan*

- With **three years of Unity Game Development Experience**, I have strong skills in programming, problem-solving, and analytical thinking. My work involved complex algorithms, user behavior analysis, and data-driven decision-making, **which led to my interest in data science**.
- **I have transitioned into data science**, gaining expertise in machine learning, data visualization, mathematic and statistical analysis. I am eager to apply my unique blend of game development and data science skills to contribute to innovative solutions and data-driven strategies.

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, and scikit-learn**. Implemented K-Nearest Neighbors (KNN) for predicting 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**.

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**
KICS (UET) / *Unity Game Development*	**Aug 2021 – Nov 2021**

Education

Superior University   **Sep 2018 – July 2022**
Bachelor of Science in Information and Technology   *Lahore, Pakistan*