

# 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

Data Scientist

Jan 2024 – Present

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

Game Developer

Sep 2021 – Jan 2024

Lahore, Pakistan

- With **3 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, Pytorch, 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

Bachelor of Science in Information and Technology

Sep 2018 – July 2022

Lahore, Pakistan