

# 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, Unity, Firebase, GitHub, AR, VR

**Visualization Tools:** Power BI, Tableau

**Other Skills:** Data Science, Data Analysis, Data Modeling & Engineering, Advanced Excel, Business Analysis

## Experience

### ITSOLERA

*Data Scientist*

**Jan 2024 – Present**

*Islamabad, Pakistan*

- Developed predictive models that enhanced sales forecasting accuracy by 25%, improving inventory management. Customer segmentation analysis that led to personalized marketing strategies, **increasing retention by 30%**.
- Executed A/B tests, enhancing user engagement metrics by 20% and boosting conversion rates. Collaborate with product and marketing teams to translate data insights into strategies, **achieving a 50% increase in new customer acquisition** within a year.

### KICS (UET), Game Pixel Studio, Root Pointers

*Game Developer*

**Sep 2021 – Jan 2024**

*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 statistical analysis, machine learning, and data visualization. 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

- Used **Pandas, NumPy, and scikit learn** for data processing and similarity calculations. Developed a 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 Technology*

**Sep 2018 – July 2022**

*Lahore, Pakistan*