

Zeeshan Akram

Data Scientist (Entry-Level)



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Profile

Software Engineering student with strong expertise in Python, SQL, and Machine Learning. Completed **15+ end-to-end projects** (ML, NLP, B Dashboards) and **10+ certifications**. Passionate about applying data science for business insights and AI solutions

Skills

Programming: Python, SQL

Data Science & ML: scikit-learn, XGBoost, Pandas, NumPy, NLP

Visualization & BI Tools: Matplotlib, Seaborn, Plotly, Streamlit

Tools & Workflow: Git/GitHub, Excel, Jupyter Notebook, Hugging Face

Certificates

Google

- *Crash Course on Python* – Coursera

IBM

- *Data Analysis with Python* – Coursera
- *Databases & SQL for Data Science with Python* – Coursera
- *Machine Learning with Python* – Coursera

DeepLearning.AI

- *Supervised Machine Learning: Regression & Classification* – Coursera

Projects

Telecom Churn Survival Analysis

Achieved **C-index of 0.91**, identified **4x churn risk in complaint customers**, and built a **Streamlit app** with real-time predictions and SHAP explainability.

Superstore Sales Dashboard

Delivered an **interactive BI dashboard** with **executive KPIs, anomaly detection, and one-click PDF reports**, enabling actionable retail sales insights.

Fake News Detection System

Built a **high-accuracy classifier (96.8% Accuracy, 0.994 ROC-AUC)** using TF-IDF with engineered features; deployed as a **Streamlit app for live predictions**.

Ames Housing Price Prediction

Developed an **end-to-end ML pipeline ($R^2 = 0.93$)** with **domain-informed feature engineering**; deployed a **Streamlit app** with **LIME/SHAP explainability**.

Education

B.S. Software Engineering

Virtual University of Pakistan

09/2024 – Present | Islamabad, Pakistan

- Currently in **3rd semester** with focus on **Data Science & Machine Learning** applications.
- Relevant coursework: *Probability & Statistics, Data Structures, Database Systems*.
- Actively complementing academics with **industry-recognized certifications (IBM, Google, DeepLearning.AI)** and applied projects.

Professional Experience

DevelopersHub Corporation

Data Science Intern

06/2025 – 07/2025 | Remote

- Applied **classification and clustering models** in practical business scenarios.
- Gained hands-on experience with **Python, SQL, and scikit-learn pipelines**.
- Completed multiple guided mini-projects and delivered a final **certificate of completion**.

Achievements

- Completed **20+ Data Science & ML Projects** across diverse domains (ML, NLP, BI).
- Achieved **0.91 C-index** in Telecom Churn Survival Analysis (state-of-the-art).
- Built and deployed **Streamlit & Dash apps** for real-time business insights.