

Zafar Alam Khan

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LinkedIn | GitHub | Portfolio

Work Experience

- Data Science Internship *Codxo*
Aug 2024 - Present
 - Collaborated with a team to analyze and interpret data using various statistical tools and techniques.
- Machine Learning Internship *Pinnacle Full stack*
Aug 2023 - Sep 2023
 - Gained practical skills in data analysis, modeling, and problem-solving.
- Data Analyst Internship *MeriSkill*
Aug 2023 - Sep 2023
 - Acquired hands-on experience in data analysis, further strengthening skillset as a data scientist.
- Machine Learning Internship *Green Vision*
Sep 2023 – Present
 - Gained knowledge in data preprocessing, machine learning algorithms, and statistical analysis.

Education

- Data Science (3th year – 5th Semester)
University of Engineering Science and Technology, Peshawar
2022 - 2026

Technical Skills

- **Data Science Analysis:** Proficient in conducting comprehensive data analysis tasks, including data preprocessing, feature engineering, exploratory data analysis, and statistical modeling.
- **Machine Learning:** Experienced in developing and applying various machine learning techniques, including supervised and unsupervised learning, for tasks such as classification, regression, clustering, and anomaly detection.
- **Generative AI Specialist:** Expert in applying generative AI technologies, including Langchain, BERT, and LLMs, to innovate in content creation, data synthesis, and decision-making automation.

- **Python:** Expertise in Python and its libraries such as scikit-learn, pandas, and numpy.

Soft Skills

- **Excellent Communicator:** Proficient in simplifying complex data insights, ensuring clear communication with both technical and non-technical team members.
- **Analytical Problem Solver:** Adept at identifying data challenges, implementing solutions, and contributing to team success.
- **Collaborative Team Player:** Demonstrated ability to work effectively in cross-functional teams, delivering data-driven results that exceed project objectives.

Projects

- **Instant Article Research**
Tools: Langchain, Streamlit, OpenAI Embedding's, Buffer
- **Disease Symptoms Analysis**
Using Python and its libraries such as Matplotlib, Seaborn, Pandas, and scikit-learn.
- **Movie Rating Prediction Model**
Using Python and its libraries such as NumPy, Pandas, scikit-learn.
- **Seaborn Project on Sales and Profit**
Using Python and its libraries such as Seaborn, Pandas, Matplotlib, scikit-learn.
- **Car Price Prediction**
Using Python and its libraries like Seaborn, Pandas, scikit-learn. •

Titanic Survival Prediction and Data Visualization

Using Python and its libraries such as Seaborn, Pandas, Matplotlib, scikit-learn.

- **Disease Symptoms Dashboard on Power BI**
Using Microsoft Power BI. •

Diabetes Detection

Tools: Python, Pandas, numpy, Matplotlib, Seaborn, scikit-learn, and Google Colab.

- **Health Assistant Chatbot**
Tools: Langchain, OpenAI Embeddings, Streamlit.
- **E-commerce Chatbot**
Tools: Langchain, Streamlit, OpenAI Embeddings, Buffer Memory, Flask.
- **Personal Portfolio Website**

Using HTML, CSS, JavaScript, host: GitHub.

Certifications

- Introduction to Data Analysis using Microsoft Excel (Coursera)
- Ask Questions to Make Data-Driven Decisions (Google Coursera)
- Data Analyst with Power BI (Coursera)
- Microsoft Power BI Reports (Coursera)
- Python (Hacker Rank)
- Python for Data Science (IBM)
- Python Essentials 1 (Cisco)
- Python Essential 2 (Cisco)
- SQL (Intermediate) (Hacker Rank)
- Foundations: Data, Data, Everywhere (Google Coursera)
- Machine Learning Introduction for Everyone (IBM)
- ML Basics in a Kaggle Competition (Coursera)
- Machine Learning with Python (IBM)
- Machine Learning for All (University of London Coursera)
- Supervised Machine Learning: Regression and Classification (Deep learning / Stanford Online)