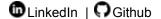
JUNAID ALI

DATA SCIENTIST



+92 3212145977



OBJECTIVE: Data scientist with a strong foundation in data analysis, seeking opportunities to apply machine learning expertise to solve real-world problems and develop innovative solutions.

EDUCATION

Mehran University of Engineering and Technology

Bachelor's in Software Engineering

Jamshoro, Pakistan 2020 - 2024

DJ Sindh Govt. Science College

Intermediate in Pre-Engineering

Karachi, Pakistan 2018 - 2020

WORK EXPERIENCE

Software Development Volunteer

Boukayflor

June 2024 - August 2024

- Designed and developed a custom software solution to streamline sales processes, leading to a 20% increase in revenue within three months.
- Built a data-driven recommendation system using Python and machine learning algorithms, boosting upselling opportunities by 15%.
- Automated inventory and sales tracking, reducing manual errors and saving 10+ hours weekly for staff.
- Implemented an intuitive user interface using Streamlit, enabling the business to monitor real-time sales and inventory metrics
 effortlessly.

PROJECTS

Movie Recommender System - Personalized Movie Suggestions

July 2024- October 2024

Built with Machine Learning, Python, and Streamlit

- Processed and prepared a dataset of 10,000+ movies to ensure accurate and relevant recommendations.
- Implemented content-based filtering using vectorization techniques (TF-IDF) to understand user preferences effectively.
- Designed and trained a machine learning model to recommend movies with 90%+ accuracy in preference matching.
- Developed and deployed a user-friendly web application using Streamlit, enabling real-time movie recommendations with a **200ms** response time.

Spam Classifier - Email/SMS Spam Detection Application

March 2024 - June 2024

Built with NLP, Python, Machine Learning, and Streamlit

- Processed and cleaned over **5,000+ data points**, ensuring high-quality inputs and uncovering key patterns to improve model accuracy.
- Applied natural language processing techniques, including tokenization and vectorization, to prepare text data for machine learning with 98% preprocessing efficiency.
- Trained and optimized a machine learning model, achieving an accuracy rate of 95% in spam classification.
- Built and deployed a web application with 100ms response time, enabling users to classify emails and messages in real-time using Streamlit.

AlwaysRight - Al-Powered Currency Conversion Assistant

November 2023 - February 2024

Built with Dialogflow, Flask, and REST API

- Developed a chatbot that provides up-to-date currency conversion rates with 99% accuracy.
- Integrated AI-based natural language processing using Dialogflow to enable seamless user interactions.
- Implemented a robust backend using Flask and REST API, supporting up to 10,000 simultaneous requests.

${\bf Algorithms\ Implemented\ From\ Scratch-Coursework}$

August 2021 - May 2024

- Al Algorithms: Linear Regression, Logistic Regression, Decision Trees, K-mean Clustering, SVM Sort.
- Search/Sort Algorithm: Bubble Sort, Insertion Sort, Merge Sort, Quick Sort Search Algorithms: Breath First, Depth First, A-star.
- Other: Huffman Encoding, Minimax.
- Languages Used: C, C++.

ACHIEVEMENTS

PM Laptop Scheme Awardee

October 2023

Awarded a laptop for outstanding academic performance under the PM Laptop Scheme.

Academic Excellence Award

September 2022

Received a monetary award in recognition of exceptional academic performance.

SKILLS

Technical Skills: Machine Learning, Data Preprocessing, Statistical Analysis, Natural Language Processing.

Tools and Technologies: Python, Java, SQL, NLTK, RestAPI, Flask, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, Tableau, Power BI, AWS, Google Cloud, Git, GitHub, Jupyter Notebook, PyCharm, Google Colab.

Soft Skills: Team building, Leadership, Time Management, Effective Communication.