JAVERIA JAMEEL

DATA SCIENTIST

CONTACT

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📍 Chakwal, Pakistan

🌐 https://github.com/JaveriaJameel

SKILLS

- Programming: Python, C++, SQL, HTML, CSS, JavaScript
- Libraries & Tools: pandas, numpy, matplotlib, seaborn, plotly, scikit-learn, TensorFlow, Keras
- Data Science: Machine Learning, Deep Learning, NLP, Computer Vision, Recommendation Systems
- Visualization & BI: Power BI, Tableau
- Databases: MySQL, SQLite
- Other: Git/GitHub, Jupyter Notebook, Streamlit

LANGUAGES

- English
- Urdu
- Punjabi

Certificates

Six months of AI and Data Science Mentorship Program **by codanics**

References

Available upon request

PROFILE

Enthusiastic and detail-oriented Data Scientist (Fresher) skilled in Machine Learning, NLP, Deep Learning, and Data Analytics. Experienced in building end-to-end projects — from EDA & preprocessing to model deployment. Passionate about applying data-driven solutions to solve real-world problems in healthcare, education, and business.

Projects

🧠 **Stroke Prediction using ML**
- Predicted stroke likelihood from health & lifestyle data.
- Used Logistic Regression, Random Forest, and SVM.
- Achieved best accuracy with Random Forest, saved final model for deployment.

📧 **SMS Spam Classification (NLP)**
- Built a text classification model using TF-IDF + ML algorithms.
- Logistic Regression & SVM achieved ~98% accuracy.
- Preprocessing included lemmatization, stopword removal, wordcloud analysis.

🎓 **Student Performance Prediction**
- Predicted students' grades using Random Forest Regressor.
- Achieved R^2 ~0.89 with GridSearchCV hyperparameter tuning.
- Deployed via Streamlit app for real-time use.

🤖 **Personal Chatbot**
- Created an interactive chatbot with Python + NLP.
- Integrated into a portfolio website to improve user interaction.

Portfolio Website
- Created a personal portfolio website (HTML, CSS, JS) to showcase projects and skill

🩻 **AI Instant Chest X-Ray App**
- Developed a deep learning model for pneumonia detection.
- Deployed via Streamlit, generated PDF medical reports automatically.

EDUCATION

- **Bachelor of Science (Computer Science / Data Science related field)**
- **[Virtual University of Pakistan] – [2028]**
- **Intermediate (I.C.S) – 2023**
- **Matriculation (Computer Science Group) – 2021**