

Rithik Jaiswar

Data Analyst | Data Scientist | AI/ML & GenAI Enthusiast

rithikjaiswar@gmail.com " github.com/rithikjaiswar " linkedin.com/in/rithikjaiswar

PROFILE

Fresher with a foundation in Python, SQL, statistics, machine learning, data analytics, visualization, and Generative AI. I enjoy solving practical problems by combining data, machine learning, and modern AI technologies.

EDUCATION

Master of Computer Application D Y Patil University

2023 - 2025 " Machine learning, data science, statistical modelling, applied AI

Bachelor of Computer Application Dr. D Y Patil ACS College

2020 - 2023 " Programming, databases, software development, mathematics

SKILLS

Programming: Python, SQL

Data Analytics: Pandas, NumPy, Excel, Power BI, Data Cleaning, EDA, Data Visualization

Machine Learning: Scikit-learn, Regression, Classification, Feature Engineering, Model Evaluation, Cross Validation

AI / GenAI: LLMs, LangChain, LangGraph, RAG, Vector Databases, Prompt Engineering, AI Agents

Development: Streamlit, Git, GitHub, REST APIs

PROJECTS

Retail Sales & Customer Churn Analysis

Python " Pandas " SQL " Power BI

- " Analysed 12K+ retail records for revenue trends, repeat purchases and churn patterns.
- " SQL joins, CTEs and window functions; interactive Power BI dashboard with segments.

Heart Disease Prediction

Python " Pandas " NumPy " Scikit-learn

- " Compared 5 classifiers (Logistic Regression, Decision Tree, SVM, KNN, Naive Bayes).
- " Logistic Regression: 86.41% accuracy, 0.88 F1 with cross-validation.

Stock Trend Predictor

Python " Scikit-learn " LSTM " Matplotlib

- " Compared traditional ML with LSTM approaches on historical price data.
- " Time-aware preprocessing pipeline with no look-ahead leakage. Educational only.

Multi AI Research Agent

Python " LangChain " Mistral " Tavily " BeautifulSoup

- " Multi-agent workflow: search, extraction and a critic/review stage before answering.

AI Video Summarizer

Python " LangChain " RAG " Vector Store " yt-dlp

- " RAG pipeline: transcribe, chunk, embed and summarise video/audio content.