

Sulochna Patil

Aspiring Data Scientist | GenAI Developer

9702852005 • sulochnapatil55@gmail.com • LinkedIn • New Panvel, Mumbai

Summary

Aspiring Data Scientist with proficient in **Python, SQL,Tableue, PowerBI, Machine Learning, TensorFlow,NLP** with practical experience in data wrangling, exploratory data analysis, and model building. Completed projects involving regression, classification, and clustering techniques. Strong analytical mindset and passion for data-driven solutions. Actively exploring LLMs, NLP, and prompt engineering. Looking to re-enter the IT industry as a Data Science or Generative AI Developer with a strong foundation in both theory and practical projects. Holds a **Master in Computer Application** and Learnbay **Advanced Data Science and AI certifications**.

Skills

Python | SQL | Numpy | Scikit-Learn | Seaborn | Matplotlib | MongoDB | Tablue | Microsoft PpowerBI | TensorFlow | Keras | Streamlit | AWS | TimeSeries | Bigdata | Opensouce LLMs | RAG | Huggingface | VectorDBs | Embeddings | LangChain | C | C++ | Java | C# | HTML | Javascript | ASP.Net

Experience

Learnbay Pune, Maharashtra, India
Data Science Intern at Learnbay Mar 2024-Present

Projects Completed

1. Car Insurance Claim Prediction Using Machine Learning
- Developed a predictive model to identify the likelihood of a policyholder filing an insurance claim using historical data.
 - Applied data preprocessing, feature engineering, and trained multiple models (Logistic Regression, Random Forest, XGBoost).
 - Achieved model accuracy of 92% and optimized AUC-ROC score to Y.
 - Used Python (Pandas, Scikit-learn) and Matplotlib/Seaborn for EDA and visualization.
 - Helped design a risk stratification tool for early fraud detection and claim scoring
2. Credit Card Fraud Detection Using Machine Learning
- Built a binary classification model to detect fraudulent credit card transactions from highly imbalanced data.
 - Applied SMOTE and undersampling to address class imbalance.
 - Trained and evaluated models: Logistic Regression, Random Forest, XGBoost
 - Used ROC-AUC, confusion matrix, and F1-score for evaluation.
 - Tools: Python, Scikit-learn, Pandas, Matplotlib, Seaborn

Education

Chhatrapati Shahu Institute of Business Education and Research Kolhapur, India
Master of Computer Application 06/2008 - 06/2011

Certification

Learnbay Institute Pune,India
Advanced DataScience and AI Course March 2024-Present

-