Tanmay Ramakant Kshirsagar

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🌐 Portfolio: https://tanmayportfolio.ccbp.tech/ | 📍 Latur, Maharashtra, India

# Career Objective

Aspiring Data Analyst with strong skills in Python, SQL, and data visualization. Eager to apply analytical thinking and technical skills in real-world data problems. Looking to gain practical experience through internships and contribute to impactful data-driven decisions.

# Skills

Python, SQL, Pandas, NumPy, Matplotlib, Seaborn, Excel, Power BI, Exploratory Data Analysis (EDA), Data Cleaning, Data Visualization, Git & GitHub, Machine Learning, Artificial Intelligence

# Projects

* 1. EDA Automation using LLM Frameworks – Mistral, Ollama & Gradio UI

• Tools: Python, Pandas, Matplotlib, Seaborn, Gradio, Mistral, Ollama  
• Built an interactive UI to automate EDA using large language models (LLMs) integrated with Gradio and Ollama. The app helps users visualize, clean, and analyze datasets without writing code.  
• GitHub: https://github.com/Tanmay1112004/EDA-Automation-using-llm-framework-s---mistral-ollama-gradio-ui-

* 2. Heart Disease Analysis using EDA in Python

• Tools: Python, Pandas, Seaborn, Matplotlib  
• Performed detailed exploratory data analysis to uncover patterns and potential risk factors contributing to heart disease. Visualized key insights and trends using plots and statistical summaries.  
• GitHub: https://github.com/Tanmay1112004/heart-disease-analysis-using-eda-python

# Fraud Detection Using Machine Learning – Accredian Assignment • Tools: Python, Pandas, Seaborn, Scikit-learn, Random Forest, SMOTE • Developed a fraud detection model on a 6.3 million transaction dataset, achieving ROC-AUC score of 0.98. • Applied feature engineering and class balancing (SMOTE), improving fraud recall by 70% while minimizing false positives. • Visualized top fraud predictors using feature importance and ROC curves, enabling explainability. • Proposed actionable prevention strategies based on data insights to reduce financial risk by 30–40%.

GitHub: https://github.com/Tanmay1112004/fraud-detection-ml-accredian

# Education

B.Tech in Computer Engineering | VIT Pune's Sandipani Technical Campus, Latur  
2022 – 2026 | CGPA: 8.20

# Certifications

* Tata Group Data Analytics Job Simulation – Forage (July 2025)

• Conducted EDA using GenAI tools to assess data quality and identify delinquency risk indicators.  
• Designed no-code predictive modeling logic and developed AI-driven strategy incorporating ethical AI.

* Deloitte Australia Data Analytics Job Simulation – Forage (July 2025)

• Built interactive dashboards using Tableau and analyzed forensic datasets using Excel.  
• Delivered business insights by classifying and exploring financial patterns.