Shashank Sen

Satna, Madhya Pradesh - 485001   ✉ sha2nk02@gmail.com   📞 7489409932   🔗 [Portfolio](#)   in shashank-sen-

Shashank-Sen

Summary

Motivated B.Tech CSE student with practical experience in Python, SQL, data preprocessing, and exploratory data analysis. Skilled in Pandas, NumPy, Matplotlib, Seaborn, Power BI, and Excel to analyze real-world datasets and build analytical solutions. Completed projects in sales forecasting, IPL analytics, and an AI-powered EDA automation tool using Gradio and Mistral-7B. Eager to contribute to data-driven decision-making as a Data Analyst or Data Science Intern.

Education

Vindhya Institute of Technology and Science, Satna   *June 2021 – June 2025*
Bachelor of Technology in Computer Science and Engineering

Sant Kanwar Sindhu Higher Secondary School, Satna   *Class 12 – 71.2%*

Shri Gurunanak Mission Higher Secondary School, Satna   *Class 10 – 77.4%*

Skills

Languages: Python, C++, SQL (Structured Query Language)

Tools & Technologies: NumPy, Pandas, Matplotlib, Seaborn, Streamlit, Gradio, Excel, MySQL, Jupyter, Google Colab, Power BI, RAG, LLMs, yfinance, Claude, Cline

Projects

Sales Data Analysis and Forecasting
GitHub: github.com/Shashank-Sen/Sales-Data-Analytics ↗
Tools: Python, Excel, Pandas, Matplotlib, Seaborn
- Analyzed 5,000+ sales records using EDA to uncover trends in revenue, customer segments, and product performance.
- Identified seasonal patterns and built a simple regression model to forecast future sales.
- Designed visual dashboards (time-series, category-wise sales, customer trends) to simplify insights.

LLM-Powered EDA Tool (AI-Based Exploratory Data Analysis)
GitHub: github.com/Shashank-Sen/LLM-Powered-EDA-Tool- ↗
Tools: Python, Pandas, Seaborn, Gradio, Ollama (Mistral-7B)
- Built an AI-based EDA tool that automates data summary, visualization, and insight generation from CSV files.
- Reduced manual EDA effort by enabling users to get key statistics and plots in a single interface. - Integrated Mistral-7B via Ollama to answer natural language questions about the dataset, improving interpretability for non-technical users.

IPL Dataset Analysis (Practice Project)
Tools: Python, NumPy, Matplotlib
- Analyzed IPL match and player data to explore team performance and win patterns.
- Created bar, pie, and line charts to visualize runs, wickets, and match outcomes.
- Practiced data cleaning and transformation on a real sports dataset.

Achievements

- Completed a comprehensive Data Science course with practical experience in Python, SQL, data preprocessing, and visualization.
- Developed an AI-powered EDA tool using **Gradio** and **Mistral-7B**, capable of summarizing and visualizing CSV datasets.
- Strengthened analytical and problem-solving skills through hands-on projects in sales forecasting, IPL analysis, and automated EDA.