Shashank Sen

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CAREER OBJECTIVE

I am a motivated and detail-oriented B.Tech Computer Science Engineering student with a strong foundation in Data Science, Python, and Machine Learning. Eager to apply analytical and programming skills to real-world problems and contribute to making impactful data-driven decisions.

Education

Vindhya Institute of Technology and Science, Satna *Aug 2021 –May 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%*

Training/ Courses

Data Science Course

Completed Data Science course with practical experience in Python, SQL, and data visualization tools. Gained hands-on knowledge in data preprocessing, exploratory data analysis, and predictive modeling using real-world datasets

Web Development

Completed a comprehensive course on web development covering HTML5, CSS3, JavaScript, and PHP. Gained practical knowledge in building responsive websites, creating interactive user interfaces, and developing dynamic web applications using server-side scripting.

Skills

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

Tools & Technologies: NumPy, Pandas, Matplotlib, Seaborn, Streamlit, Gradio, Excel, Power BI, MySQL, Jupyter, Google Colab, HTML, CSS, PHP

Projects

Sales Data Analysis and Forecasting
Tools: Python, Excel, Pandas, Matplotlib, Seaborn
- Analyzed over 5000+ sales records using exploratory data analysis.
- Identified seasonal trends and forecasted sales using linear regression.
- Visualized KPIs through insightful charts and graphs.

IPL Dataset Analysis (Practice Project)
Performed IPL data analysis using NumPy and Matplotlib to extract insights on team performance, match results, and player statistics. Plotted bar charts, pie charts, and line graphs to represent findings.

LLM-Powered EDA Tool (AI-Based Exploratory Data Analysis)
Tools: Python, Pandas, Seaborn, Gradio, Ollama (Mistral-7B)
Built an AI-based data analysis tool using Python, Gradio, Pandas, and Ollama (Mistral-7B) to automate EDA on CSV files with visualizations and natural language insights through an interactive web interface.

Achievements

Completed a comprehensive Data Science course that provided practical experience with key technologies and strengthened analytical skills. Built an AI-powered EDA tool using Gradio and Mistral-7B to automatically analyze and visualize CSV data.