Swayam Gupta

Data Analyst & Machine Learning Developer

CONTACT

Phone: 91+ 8989864478
Email:guptaswayam390@gmail.com
Address: gali no 01 siddarth nagar, bank colony, Raghurajnagar, Satna, Madhya Pradesh - 485001

SKILLS

- Languages & Tools: Python, SQL, Power BI, MS Office
- Libraries & Frameworks: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
- Soft Skills: Problem Solving, Communication, Teamwork, Time Management, Adaptability

PROJECTS

- **Data Analysis Report on Sample Superstore**

Analyzed and visualized key metrics such as postal code, sales, quantity, discount, and profit to uncover patterns and business insights.
Tools/Technologies: Python, NumPy, Pandas, Matplotlib, Seaborn

- **AI-Powered Study Platform: A Comprehensive Approach to Personalized Learning**

Developed a personalized learning platform that adapts study materials and recommendations based on user behavior and learning patterns.
Tools/Technologies: Python, Machine Learning, Data Analysis

- **OCR & Translation Tool**

Built a tool that combines Optical Character Recognition (OCR) with translation capabilities to extract text from images, scanned documents, and PDFs, and translate it into multiple languages.
Tools/Technologies: Python, Tesseract OCR, Translation APIs

- **Quantitative Trading Strategy with Backtesting & AI Integration**

Developed and backtested a trading strategy using historical price data and indicators like SMA and RSI. Simulated trading performance under various market conditions, with optional AI-driven sentiment analysis integration.
Tools/Technologies: Python, yFinance, Pandas, Matplotlib, RSI/SMA, GPT-based Sentiment Analysis.

EDUCATION

B.Tech in Computer Science specilization in AIML
Oriental Institute of Science and Technology, Bhopal
Currently in 6th Semester | CGPA: 7.1

Higher Secondary (12th) & Secondary (10th)
St. Michael's Senior Secondary School, Satna

PROFESSIONAL SUMMARY

Detail-oriented Data Analyst and Machine Learning Developer with a passion for turning data into actionable insights. Skilled in building predictive models and solving real-world problems through data-driven solutions.