SNEHAL TRIPATHI

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Portfolio: https://snehal2103.github.io/portfolio/

Profile

Motivated Computer Science graduate with hands-on experience in a range of technologies, currently pursuing an MSc in Data Science and AI. Passionate about using data-driven insights to solve complex problems, I aim to leverage my technical and analytical skills in impactful projects. Dedicated to continuous learning and applying innovative solutions to create meaningful change.

Skills

Technical Skills

- **Programming Languages & Databases:** Python, Java, Pandas, Numpy, SQL, MongoDB
- **Web Technologies:** HTML, CSS, Flask, Streamlit
- **Data Analysis & Visualization:** Power BI, Excel
- **Tools & Version Control:** Git, GitHub, DBMS
- **Other Skills**: Advanced Excel, Business Analysis, Data Analysis, Customer Acquisition

Soft Skills:

- Critical thinking and problem-solving, attention to detail, strong communication, time management, adaptability.Collaboration with cross-functional teams.

Projects

E-Commerce Sales Dashboard
Technologies Used: Power BI
- Created an interactive dashboard to **analyze sales trends, revenue, and customer behavior for KPI tracking.**
- Enabled stakeholders to make data-driven decisions based on visual insights into product performance and customer buying patterns.

Diabetes Predictor
Technologies Used: Flask, Python, Machine Learning
- Developed a web application using Flask to **predict the risk of diabetes based on health inputs from users.**
- Integrated machine learning algorithms for accurate predictions and real-time risk assessment.

Vrinda Store Dashboard
Technologies Used: Excel
- Created a dynamic sales and inventory dashboard using Excel to monitor and visualize sales performance at Vrinda Store.
- Utilized **Excel functions, pivot tables, and charts to analyze trends** and optimize inventory management.

Education

Master of Science in Data Science and AI
Ramniranjan Jhunjhunwala College of Arts, Science, and Commerce **(2024 - Present)**

Bachelor of Science in Computer Science
Ratnam College of Science, Arts, and Commerce **(2020 - 2024) | 9.79 CGPA**