# 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**