SNEHAL TRIPATHI

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PROFILE SUMMARY

Motivated **Computer Science graduate**, currently pursuing an MSc in **Data Science and AI**. Focused on using data to address complex challenges and improve decision-making. Eager to apply technical skills and innovative approaches to drive meaningful results. Committed to continuous learning and applying practical solutions to real-world problems.

SKILLS

Technical Skills

- **Programming Languages & Libraries**: Python, Java, Pandas, NumPy, Matplotlib, Scikit-learn, SQL, MongoDB
- **Web Technologies**: HTML, CSS, Flask, Stremlit
- **Data Analysis & Visualization**: EDA, Power BI, Excel
- **Tools & Version Control**: Git, GitHub, DBMS
- **Other Skills**: Advanced Excel, Business Analysis, Customer Acquisition

Soft Skills

Strong communication, time management, critical thinking, problem-solving, adaptability, and collaboration with cross-functional teams.

PROJECTS

Road Accident Dashboard
Technologies Used: Excel
Created a dashboard to analyze **2021-2022 road accident data**, revealing **417,883 casualties**, with **79.8% from car accidents**. The highest number of casualties occurred in **October-November**, and **61%** were in **urban areas**. Skills demonstrated include **data cleaning**, **analysis**, and **dashboard creation**.

Diabetes Predictor
Technologies Used: Flask, Python, Machine Learning Developed a machine learning application utilizing Python and Flask, analyzing **the Pima Indian Diabetes Dataset** to provide personalized diabetes risk assessments based on health metrics for **over 500 users.**

Vrinda Store Dashboard
Technologies Used: Excel
Developed a **sales and inventory dashboard** for **Vrinda Store**, analyzing **80% of sales** from **Amazon, Flipkart, and Myntra**. Focused on targeting **women aged 30-49** from **Maharashtra** and **Karnataka** with tailored campaigns. Skills demonstrated include **data cleaning**, **analysis**, and **visualization**.

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**

CERTIFICATIONS

- **Generative AI for Beginners** – *Great Learning*
- **Data Analysis Using Python** – *IBM*

EXTRACURRICULAR

Data Visualization: Empowering Business with Effective Insights
Job Simulation on Forage – Tata Consultancy Services (November 2024)
Created **data visualizations** for business insights, helping **senior leadership** make informed decisions efficiently.