

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, Streamlit
- **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: Power BI

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 Jhunjunwala 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.