

Tanya Bhatia

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SUMMARY

Detail-oriented Data Analyst with hands-on experience in data analysis, dashboard development, and data visualization. Skilled in Python, SQL, Power BI, Pandas, NumPy, Plotly, Dash, and Matplotlib. Built an interactive Python dashboard and a Machine Learning-based Sign Language Detection System. Currently pursuing MCA in AI ML (2025–2027).

SKILLS

Programming: Python, Java, C, C++, OOPS

Data & Analytics: Data Analysis, Pandas, NumPy, Seaborn, Matplotlib, Plotly, Dash, Data Science

Tools: Power BI, MS Excel, SQL, DBMS

Soft Skills: Communication, Leadership, Teamwork, Problem-Solving

EXPERIENCE

Python Programmer Intern

Jun 2024 – Aug 2024

- Developed an interactive data dashboard using Python, Plotly, Dash, and Matplotlib.
- Performed data cleaning, preprocessing, and analysis for generating insights.
- Implemented real-time data integration and interactive UI components.
- Enhanced dashboard performance and visualization quality.

PROJECTS

Sign Language Detection using Machine Learning

Aug 2024 – Nov 2024

- Built an ML model to convert hand gestures into text or speech.
- Applied image processing, feature extraction, and optimized model accuracy.
- Designed to support communication for hearing-impaired individuals.

EDUCATION

MCA – Artificial Intelligence & Machine Learning (Pursuing)

2025 – 2027

K.R. Mangalam University, Gurgaon

Bachelor of Computer Applications (BCA) – CGPA: 8.2

2022 – 2025

GGSIPU – JIMS Engineering Management Technical Campus, Greater Noida

Senior Secondary (Class 12) – 80%

2021 – 2022

St. Joseph's Convent School, Faridabad

Secondary (Class 10) – 70%

2019 – 2020

St. Joseph's Convent School, Faridabad

CERTIFICATIONS

- Hackathon Participant – DeepData Science 2.0 (2025)
- Entrepreneurship Orientation Program – NSIC