Ayush Patel

+91-9369468495 | ayush42patel@gmail.com | portfolio |GitHub |linkedin.com/in/ayush-42-patel

PROFILE

Detail-oriented Data Analyst with a BTECH in Computer Science Engineering (Data Science). Skilled in Python, SQL and data visualization with a strong foundation in statistical analysis and problem-solving. Teamwork, and critical thinking abilities with a passion for learning and adapting in fast-paced environments.

EDUCATION

Babu Banarasi Das Institute of Technology and Management — Lucknow, India
Bachelor of Engineering in Computer Science Engineering (Data Science) — 2022-Present

- Currently pursuing (expected graduation: 2026)
- Relevant Coursework: Data Structures & Algorithms, Machine Learning, Data Analysis, Database Systems, Python Programming, Data Visualization.

SKILLS

Technical: SQL, Python, Statistics, NLP, C, Data Visualization, AI Automation, Machine Learning, DSA.

Tools: GCP, Word, PowerPoint, Power BI, Excel, GA4.

CERTIFICATIONS

- Python: Zero to Hero – October 2024 *(link)*
- ChatGPT for Programmers– October 2024 *(link)*
- MY SQL – January 2025(*link*)
- Natural Language Processing Using Python– March 2025(*link*)
- Introduction to Data Engineering and BigData – November 2025(*link*)

PROJECTS

Project 1: Multi-Product Sales Analysis Dashboard using Power BI — April 2025 – May 2025

• Developed an interactive dashboard to analyze sales, profit %, and product performance across multiple categories.
• Showcased strong data cleaning, visualization, and analytical skills to deliver actionable business insights.
• Useful to track top-selling products, sales by city/year, and customer behaviour—valuable for strategic decisions.

Project 2: Smart Attendance System using Face Recognition — October 2024 – February 2025

• Designed a smart attendance system that captures and verifies student identity using facial recognition.
• Used Python with OpenCV and HaarCascade for real-time face detection and recognition.
• Automated attendance marking, reducing manual errors and saving significant time in classroom management.

Project 3: Speed Detection System using Camera — October 2023 – February 2024

• Built a system with team to detect and calculate the speed of moving vehicles using video footage.
• Utilized Python with OpenCV to capture frames and compute speed based on distance and time logic.
• Useful for traffic monitoring and speed violation detection in smart city applications.

Achievements

- Participated in WHACK HACK 2.0 hackathon organized by GDSC BBDITM.
- Secretary of ACM BBDITM Student Chapter
- Attended Bootcamp of Web Development organised by GDSC BBDITM.