

AYUSH PATEL



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ayush42patel



Portfolio



GitHub

ABOUT ME

Analytical and results-driven pursuing a B.Tech in Computer Science Engineering with a specialization in Data Science. With strong expertise in Python, SQL, Power BI, and Machine Learning. Skilled in building predictive models, conducting statistical analysis, and developing interactive dashboards for actionable insights. Adept at data cleaning, statistical analysis, and uncovering insights that drive business decisions.

EDUCATION

- BABU BANARASI DAS INSTITUTE OF TECHNOLOGY AND MANAGEMENT** 2022 - 2026
Bachelor of Technology in Computer Science Engineering (Data Science)
- CENTRAL ACADEMY (INTER)** 2021 - 2022
Physics, Chemistry, Mathematics
CENTRAL BOARD OF SECONDARY EDUCATION
- CENTRAL ACADEMY (10TH)** 2019 - 2020
SCIENCE
CENTRAL BOARD OF SECONDARY EDUCATION

SKILLS

- Python
- Power Point
- SQL
- C++
- Model Building
- Data Visualisation
- Power BI
- Word
- Excel

EXPERIENCE

- TATA GROUP – DATA ANALYTICS VIRTUAL JOB SIMULATION (FORAGE)** JUNE 2025 - JULY 2025
Data Analytics Intern (Virtual Experience)
Completed a virtual internship with Tata iQ via Forage, applying AI-driven analytics to real-world business challenges. Used GenAI for data exploration and built a no-code model to predict customer delinquency, while designing an ethical, automated collections strategy aligned with regulations.

PROJECTS

- SMART HOME ENERGY CONSUMPTION FORECASTING** JUNE 2025 - JULY 2025
 - Developed a Streamlit web app to predict energy usage in smart homes using Random Forest Regression.
 - Preprocessed contextual IoT data and tuned model with RandomizedSearchCV.
- SMART ATTENDANCE SYSTEM USING FACE RECOGNITION** OCTOBER 2024 - FEBRUARY 2025
 - Developed a robust smart attendance system leveraging facial recognition technology to accurately capture and verify student identities.
 - Implemented real-time face detection and recognition capabilities using Python, OpenCV, and HaarCascade classifiers.