

NITIN PRAJAPATI

nitinprajapati88811@gmail.com | +91 88811 82348 | Ghaziabad | [Github](#) | [Linkedin](#)

SUMMARY

Aspiring Data Analyst with expertise in data visualization, wrangling, statistical analysis, and predictive modeling. Proficient in SQL, Python, Power BI, Tableau, and Excel, with hands-on experience in ETL, automation, and dashboarding. Strong problem-solving skills, eager to apply analytical expertise in a data-driven environment

EDUCATION

Diploma, Information Technology

Oct 2022 – May 2025

Government Polytechnic Ghaziabad, BTEUP

SKILLS

Data Analysis & Visualization: Excel, Power BI, Tableau, Matplotlib, Seaborn

Programming & Scripting: Python (Pandas, NumPy, Scikit-learn), C, SQL

Machine Learning: Supervised & Unsupervised Learning & Regression

Database Management: MySQL, PostgreSQL

Automation & ETL: Power Query, Python Automation

Statistical Analysis: Hypothesis Testing, A/B Testing, Data Cleaning

Operating Systems: Linux (2+ years), Terminal Commands, Windows

Soft Skills: Problem-Solving, Critical Thinking, Communication Attention to Detail

PROJECTS

1. Drowsiness Detection System (Python & Computer vision) [GitHub Repository](#)

- Utilized **facial landmark detection** to monitor **eye aspect ratio** (EAR) and detect driver fatigue.
- Implemented a **real-time alert mechanism** to warn drowsy drivers, reducing potential accident risks.




2. Customer Churn Prediction (Python & Machine Learning) [GitHub Repository](#)

- Built a predictive model using **logistic regression** to identify customers likely to churn.
- Performed **data preprocessing**, **feature engineering**, and model evaluation.
- Achieved **80% accuracy** in predicting churn.

3. Object Detection System (Python & Computer vision) [GitHub Repository](#)

- Built an object detection model using **YOLO (You Only Look Once)** to identify and classify objects in real-time.
 - Utilized **OpenCV and TensorFlow/Keras** for image processing and deep learning-based detection.
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CERTIFICATIONS

- Deloitte Australia - Data Analytics Job Simulation (Issued by Forage)  [Link](#)
- Problem Solving (Issued by Hackerrank)  [Link](#)
- Python Basic (Issued by Hackerrank)  [Link](#)