

Mudit Gupta

Pune, India - gupta.mudit.in@gmail.com - +91-8004253596 - LinkedIn - GitHub

Professional Summary

B.Tech student specializing in Artificial Intelligence & Data Science with hands-on experience in Python, R, and SQL. Skilled in data cleaning, exploratory data analysis, regression modeling, and dashboard development using Power BI and Tableau. Strong foundation in statistical analysis and data-driven decision making.

Skills

Programming: Python, R, SQL

Machine Learning & Analytics: Machine Learning Basics, Regression, EDA, ETL, Statistical Analysis, Hypothesis Testing

Data Handling: Data Cleaning Techniques, Real-World Dataset Experience, Feature Engineering

Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, ggplot2, dplyr

Business Intelligence: Power BI (DAX), Tableau, Excel (Pivot Tables, VLOOKUP, XLOOKUP)

Database: , MariaDB

Tools: Jupyter Notebook, Git, GitHub, LaTeX

Professional Skills: Problem-Solving, Critical Thinking, Data Storytelling, Team Collaboration, Agile

Experience

Data Analyst Intern

November 2025 - December 2025

Yuva Intern, India

- Cleaned and preprocessed 5,000+ structured records using R, improving data integrity and analysis readiness.
- Conducted exploratory data analysis (EDA) and statistical testing to identify performance trends and anomalies.
- Developed KPI-driven visualizations using ggplot2 to support business reporting.
- Delivered analytical reports with actionable insights for decision-making.

Research & Innovation Member (Selected)

November 2025 - Present

NextGen Innovations Club, Pimpri Chinchwad University

- Selected through a competitive screening to join the University Research & Innovation Club.
- Developing AI research models by involving data preprocessing, feature engineering, and predictive modeling.
- Conducting experimentation, model validation, and performance optimization to improve ML performance.

Technical Projects

Road Accident Severity Analysis & Hotspot Prediction

November 2025

- Designed and analyzed a dataset of 800+ synthetic accident records using regression modeling.
- Developed geospatial hotspot maps using Leaflet to identify high-risk zones.

Operational Downtime & Compensation Analysis Dashboard (Daikibo)

September 2025

- Cleaned and structured manufacturing telemetry data for downtime analysis.
- Built interactive Tableau dashboards and automated Excel compensation models.

Education

Bachelor of Technology - Artificial Intelligence & Data Science

Pimpri Chinchwad University, Pune

August 2023 - August 2027

Relevant Coursework: Statistical Analysis, Database Systems, Python Programming, Business Analytics

Higher Secondary Education (Science)

R.P.M Academy, Gorakhpur, Uttar Pradesh

2023

Secondary Education

R.P.M Academy, Gorakhpur, Uttar Pradesh

2021

Certifications

- Deloitte Australia Data Analytics Job Simulation - Forage, 2025
- R Programming for Statistics & Data Science - 2025
- Power BI Micro Course - 2025

Languages

Hindi (Native) — English (Professional Proficiency) — German (Elementary)