

# DISHA GUPTA

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Aspiring Data Analyst with hands-on experience in data visualization, statistical analysis, and dashboard development using Python, SQL, and Power BI. Passionate about turning data into actionable insights through clean, interactive, and impactful visualizations.

## EXPERIENCE

### **Virtual Internship Trainee – Tata Data Visualisation: Empowering Business with Effective Insights (Forage)**

Duration: July 2024 – April 2025

#### **Key Responsibilities & Achievements:**

- Completed practical business tasks focused on framing scenarios, selecting appropriate visuals, and communicating insights.
- Gained hands-on exposure to data visualization techniques aligned with business goals.
- Developed professional-level deliverables using Power BI and data storytelling strategies.
- Strengthened ability to present insights clearly for strategic decision-making.

## PROJECTS

### **Business Health Dashboard**

[GitHub](#)

- Developed an AI-powered Streamlit dashboard for automated data cleaning, anomaly detection, custom visualizations, and PDF report generation.
- Tools Used: Python, Streamlit, Scikit-learn, Plotly, Pandas, FPDF, NLP (SpaCy).
- Impact: Enabled faster, insight-driven decision-making by simplifying business data analysis and providing actionable recommendations interactively.

### **DaaS\_API (Data Cleaning as a Service)**

[GitHub](#)

- Developed a FastAPI-based microservice for automating data cleaning tasks like deduplication, missing value imputation, and schema validation.
- Tools Used: Python, FastAPI, Pydantic
- Impact: Streamlined preprocessing workflows and ensured clean datasets for downstream analytics.

### **House Price Prediction**

[GitHub](#)

- Built and evaluated regression models to predict housing prices based on location, area, and amenities.
- Tools Used: Python, Scikit-learn, pandas, Matplotlib
- Impact: Demonstrated ability to engineer features and apply ML to real-world problems with performance evaluation.

## EDUCATION

Bachelor of Technology in Computer Science & Engineering

Shri Ramswaroop Memorial University, Lucknow — Aug 2022-Present

CGPA: 7.54 / 10 (Current)

## TECHNICAL SKILLS

**Languages:** Python, SQL, HTML/CSS

**Tools:** Power BI, Excel, Tableau, Streamlit, Jupyter Notebook, Docker, VS Code, Git, GitHub

**Competencies:** Data Cleaning, Data Visualization, Statistical Analysis, Prompt Engineering

**Soft Skills:** Critical Thinking, Communication, Team Collaboration, Attention to Detail, Problem Solving, Adaptability

## CERTIFICATIONS

- Power BI – Microsoft (Jul 2024)
- Data Science and Business Analytics Workshop – IIT Mandi (March 2025)
- Data Science with Python – Digipodium (May–Jul 2024)
- Deloitte Data Analytics Job Simulation (Forage - April 2025)
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional – Oracle (Oct – 2025)

## PUBLICATIONS

### **1. “AI-Driven Early Disease Detection” (*Upcoming*)**

*To be published in Cognitive IoT in Biomedical Devices: The Next Evolution in Smart Healthcare*, 2025

- Focuses on integrating AI with IoT-enabled biomedical devices for real-time diagnosis and predictive healthcare analytics.
- Chapter highlights models for early detection using medical sensor data, cloud integration, and deep learning pipelines.