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, ProblemSolving, 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.