MANIK NIRWAL

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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

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EDUCATION

Bachelors of Computer Science – BCS   *Sept 2020 – June 2023*
MGM's College of CS & IT   *Nanded, Maharashtra*

SKILLS

Data Analysis & Visualization: Excel, Power BI, Tableau, Matplotlib, Seaborn
Programming & Scripting: Python (Pandas, NumPy, Scikit-learn), SQL
Machine Learning: Supervised & Unsupervised Learning & Regression
Database Management: MySQL, PostgreSQL
Soft Skills: Problem-Solving, Critical Thinking, Communication Attention to Detail

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PROJECTS

1. AI Travel Plan Generator

- Built a smart travel-itinerary generator using **Python, Flask**, and **Google Gemini 1.5 Flash**.
- Integrated real-time car data, dynamic UI updates, and automated price-comparison tables to deliver personalized travel plans based on user preferences.

2. Exploratory Data Analysis – Student Performance

- Performed detailed EDA using **Pandas and Matplotlib** to uncover trends in student scores across demographics and subjects.
- Identified key factors influencing academic performance with clear visual insights

3. House Rental & Price Management System

- Created a full-stack web application using **Python, Django, HTML/CSS, JavaScript, Bootstrap, and SQL.**
- Implemented modules for tenant management, property listings, rental payments, and agreements with full CRUD operations. Added secure authentication, role-based access, and a responsive UI for seamless user experience.

CERTIFICATIONS

- Data Science
- Power BI