

Sandeep Maurya

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SUMMARY

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Emerging data professional with a BCA degree and hands-on experience in Python, SQL, and data analytics. Skilled in EDA, predictive modeling, and dashboarding using Pandas, NumPy, Matplotlib, Seaborn, and Excel. Currently enhancing expertise through IBM's Data Science Professional Certificate. Passionate about turning raw data into actionable insights and driving data-informed decision-making.

EXPERIENCE

AI Modular Evaluator & Prompt Specialist Jan '25 — Apr '25
Outlier AI, remote Lucknow, India
Specialized in AI prompt engineering, model evaluation, and STEM-focused content analysis for Outlier.ai. Responsible for designing, testing, and refining prompts to generate accurate and context-aware outputs from advanced AI systems.

- Optimized prompt templates to ensure high-quality, context-aware and logically sound AI outputs across STEM use cases.
- Refined prompt templates to better align with real-world user needs, leading to increased user engagement
- Evaluated AI-generated responses across tasks to ensure high accuracy, logical flow, and domain relevance.

EDUCATION

Bachelor in Computer Applications, University of Lucknow Jun '22 — Jun '25
Lucknow, India

- Relevant Coursework: Data Mining, Python, SQL, DBMS, Mathematics, Statistics, AI

Senior Secondary Education, SDSN Public School-CBSE Board Apr '21 — Apr '22
Lucknow, India

CERTIFICATIONS

IBM Data Science Professional Certificate, IBM Nov '25

DATA LITERACY, Data Camp Sep '25

PROJECTS

Black Friday Sales Analysis, Tata Group Jun '25 — Present

- Performed EDA on 500K+ Kaggle records, visualizing purchasing trends using Matplotlib & Seaborn.
- Built and evaluated a linear regression model (**R² = 0.68**) to predict purchase amounts.
- Completed an end-to-end data science pipeline from raw data to model insights.

Tata Group Data Analytics Virtual Internship - Forage, Tata Group, Tata Group Jun '25 — Jun '25

- Simulated real-world analytics task with Tata iQ Financial Services.
- Performed EDA using GenAI tools to assess data quality and risk.
- Developed an AI-based collections strategy focused on ethical AI and scalability.

Deloitte Australia Data Analytics Simulation - Forage, Deloitte Australia, Deloitte Australia Jun '25 — Jun '25

- Built a Tableau dashboard for business data insights.
- Used Excel to classify and analyze large datasets.
- Gained exposure to forensic data analysis processes.

SKILLS

Technical Python, SQL, HTML, Pandas, NumPy, Seaborn, Matplotlib, GitHub, Scikit-learn, Git, Jupyter Notebook, Excel

Data EDA, Regression, Predictive Modeling, Data Visualization

Soft Analytical & Critical Thinking, Strong Communication (Written & Verbal), Collaboration & Teamwork, Time Management & Adaptability, Curiosity & Growth Mindset

Languages English, Hindi