

# Sandeep Maurya

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## SUMMARY

### SUMMARY

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

Outlier AI, remote

Jan '25 — Apr '25

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 (**R<sup>2</sup> = 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