

Nibedita Sahu

Technical Content Writer



Profile Summary

Data Science & Analytics enthusiast with a solid foundation in **Mathematics** and **Statistics**. Skilled in data Cleaning, Manipulation, Visualization, and Storytelling to drive business decisions. Proficient in **Python** (**Pandas**, **NumPy**, **Matplotlib**, **Seaborn**), **SQL**, and BI tools such as **Power BI** and **Excel**. Adept at translating complex data into clear insights and actionable strategies. Passionate about continuous learning and solving real-world problems through data.

Writing Experience

Freelance Technical Writer GeeksforGeeks

Sep 2023 – Sep 2024

- Authored 10+ articles focused on Python and SQL for Data Manipulation and Analytics.
- Broke complex concepts down into simple and easy-to-understand terms.
- Strengthened skills in communicating analytical insights clearly and effectively.

Education

Bachelor of Science (BSc) in Mathematics

Kalahandi University, Kalahandi, Odisha
Graduated: May 2023

Publications

- Authored *The DS & DA Playbook* (2025), a detailed book covering foundational concepts, tools, and real-world applications in Data Science and Analytics.
- Possess extensive writing experience, having authored multiple books on **Mathematics**, **Python**, and **Data Analytics**, strengthening both technical depth and communication skills.
- Share applied knowledge and project insights on Medium, focusing exclusively on Data Science and Analytics.

Projects

Electric Vehicle Population Analysis

- Gathered, cleaned, and explored Electric Vehicle Population data using **SQL** and **Pandas**.
- Designed interactive **Power BI** report to identify patterns and trends in population data.
- Created a comprehensive presentation in Canva by selecting key visuals from the **Power BI** report to clearly convey data insights and analysis outcomes.

Customer Sales Performance Analysis

- Performed end-to-end customer sales analysis using **Python** (**Pandas**, **Matplotlib**, **Seaborn**) and **SQL**.
- Created a comprehensive **PowerPoint** presentation to communicate key sales insights and customer behavior trends.
- Delivered insights on sales trends that supported data-driven business decisions.

Credit Card Financial Analysis

- Built real-time **Power BI** dashboard tracking customer spending behaviors and anomalies.
- Enabled strategic financial decision-making through data visualization and **KPI** monitoring.
- Designed and delivered a comprehensive **PowerPoint** presentation summarizing analysis findings and business insights.

Skills

- **Languages & Tools:** Python, SQL (MySQL), Power BI, Excel, Jupyter Notebook, VS Code, Google Colab
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn
- **Version Control:** Git & GitHub
- **Data Tasks:** Data Wrangling, Data Management Principles, Statistical Analysis, Interactive Dashboards, Time-Series Analysis, Predictive Analytics Basics
- **Visualization:** Power BI Reports, Effective Data Storytelling, Presentation (PowerPoint, Canva)
- **Methodologies:** Exploratory Data Analysis, Advanced Analytics, KPI Tracking
- **Soft Skills:** Problem-Solving, Analytical Thinking, Decision-Making, Attention to Detail, Writing and Explaining, Clear Communication