Nibedita Sahu

Technical Communications Specialist with proven experience in creating clear, concise, and compelling technical content. Strong foundation in translating complex concepts (including those in Data Science, Analytics, and Mathematics) into user-friendly documentation, tutorials, and guides. Proficient in content management systems and skilled in using tools like Power BI and SQL to understand technical flows and document their usage. A passionate communicator adept at ensuring technical accuracy and consistency across all deliverables.

PROJECTS

Electric Vehicle Population Analysis ↗

- Gathered and cleaned over 247,000 records of Electric Vehicle Population data using SQL and Pandas, resulting in a 95% reduction in data inconsistencies.
- Designed an interactive Power BI report that analyzed electric vehicle model year data from 2000 to 2025, highlighting peaks in adoption in 2018 and 2020, followed by steady growth in 2024.
- 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.
- Designed and delivered a business-focused presentation highlighting revenue-driving products and high-value customer segments.
- Provided insights that supported data-driven decisions on product strategy and customer engagement initiatives.

SKILLS

- Programming & Data Analysis: Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, SciPy, StatsModels), SQL (MySQL) for querying and data manipulation.
- Data Visualization & Reporting: Power BI, Tableau, PowerPoint, Canva.
- Research & Documentation: Primary and secondary research, design, data cleaning, and report preparation.
- Tools & Environments: Jupyter Notebook, VS Code, Google Colab.
- Collaboration & Version Control: Git, GitHub for project tracking and teamwork.

WRITING EXPERIENCE

GeeksForGeeks

Technical Content Writer   Sep 2023 - Sep 2024

- Authored 10+ articles focused on Python and SQL for Data Manipulation and Analytics.
- Translated complex analytical processes into clear, reader-friendly explanations, strengthening skills in communication and storytelling.
- Collaborated with editorial teams to ensure accuracy, clarity, and relevance of technical content.

EDUCATION

Bachelor of Science (BSc) in Mathematics

Kalahandi University, Bhawanipatna   Aug 2020 - May 2023

PUBLICATIONS

DS & DA Playbook ↗

- 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.