

Mamata Manjari Sahoo

Data Scientist

candidates.intervues.club/u/mamata-manjari-sahoo

SUMMARY

Mathematics Educator transitioning to a Data Scientist role, leveraging a background in mathematics, education, and analytical reporting. Experienced in data validation, building performance dashboards, and automating reports using Python, SQL, and Power BI. Holds credentials from upGrad and Sambalpur University.

EXPERIENCE

Mathematics Educator

CBSE Schools

Jan 2017 – Jan 2024

- Designed Excel-based performance dashboards and term-wise reports for 164 students, reducing manual report-preparation time and translating raw marks into clear summaries for leadership.
- Consolidated and validated assessment and attendance data across multiple classes, performing quality checks to ensure error-free reporting.

Math Educator

Math Educator

- Transitioned background as a Mathematics Educator toward analytical and Data Science competencies.

EDUCATION

upGrad · Graduate Certificate · 2024

Sambalpur University, Odisha · Bachelor of Science · 2014

SKILLS

Languages and Frameworks: Python, SQL, SQL (MySQL), Matplotlib, NumPy, Pandas

Tools: Advanced Excel, AVERAGE, Jupyter Notebook, Pivot Tables, Power BI, VLOOKUP

PROJECTS

E-Commerce Customer Churn Analysis

Investigated customer purchasing behavior using SQL, Python, and Power BI to identify churn drivers, segment at-risk customers, and uncover retention opportunities. Analyzed transactional and behavioral data to identify key churn drivers and segment at-risk customer groups. Created dashboards using SQL, Python, and Power BI to visualize customer retention metrics.

SQL, Python, Power BI

E-Commerce Customer Churn Analysis

Recruitment Analytics & Optimization

Evaluated recruitment funnel performance using Python, Pandas, and NumPy to identify bottlenecks impacting hiring efficiency. Automated data cleaning and transformation pipelines to evaluate recruitment funnel performance across sourcing stages.

Python, Pandas, NumPy

HR-analysis

Additional projects: HR-analysis