

Moupia Gain

[LinkedIn](#)

PROFESSIONAL SUMMARY

Analytical and detail-oriented individual with a strong Mathematics background and 6 months of hands-on experience in Data Management and Quality Analysis. Skilled in SQL, Excel, Power BI, and Python, with experience in data validation, quality assurance, and analytical workflows. Capable of analyzing data, identifying inconsistencies, and delivering actionable insights to support decision-making.

EDUCATION

Master of Science (Mathematics) University of North Bengal, Darjeeling	2020 - 2023 Grade: 65.0%
Bachelor of Science (Science) West Bengal State University, Kolkata	2016 - 2020 Grade: 53.23%
Intermediate (Class XII) Khantura Girls' High School	2014 - 2016 Grade: 80.2%

EXPERIENCE

Data Management (Beta Tester) November 2025 - March 2026
Angstrom Education Pvt Ltd *Remote*

- Validated data-science datasets, course content, and learning pathways to ensure accuracy and consistency for **Coursera**
- Performed data quality checks and exploratory data analysis using **Excel (Pivot Tables, VLOOKUP, XLOOKUP)** and **SQL (basic queries, joins)** to identify inconsistencies and logical errors
- Analyzed AI-driven modules and analytical workflows to verify output accuracy and improve user experience
- Collaborated with cross-functional teams to report data issues and maintain structured documentation for data quality improvement

Pre-School Educator February 2024 - November 2025
Integrated Child Development Services, Govt. of West Bengal *North 24 pgs, West Bengal*

- Collected and maintained structured data on children's health, nutrition, and development using Excel and delivered foundational pre-school education.
- Analyzed growth data to identify trends and detect developmental delays
- Generated monthly reports tracking key performance indicators (KPIs)
- Coordinated with healthcare departments based on data insights for timely intervention

PROJECTS

Netflix Content Strategy & Trend Analysis ([Github](#)) ([Demo](#)) November 2025

- Analyzed 9,000+ Netflix movies using **Python (Pandas, Matplotlib, Seaborn)** to uncover trends in genres, ratings, popularity, and release patterns.
- Identified key insights such as Drama being the most common genre, 2020 having the highest releases, and TV-MA as the most frequent rating.
- Strengthened data cleaning, visualization, and analytical storytelling skills while building a complete, insight-driven analysis project.

Hospital Revenue & Demand Analysis ([Github](#)) ([Demo](#)) July 2025

- Analyzed revenue to identify key income streams and opportunities for optimization.
- Provided insights on high-demand departments to guide hiring and resource allocation.
- Developed discount strategies to enhance patient affordability while maintaining profitability.
- Tools: Power BI, Advanced Excel, SQL.**

Chinook Music Sales Insights & Market Analysis ([Github](#)) ([Demo](#)) February 2025

- Utilized **MySQL and Adv. Excel** to analyze Chinook sales data, identifying key trends and market opportunities.
- Assessed churn rate, top-selling albums, and high-profit markets to support strategic business decisions.

- Delivered actionable recommendations to enhance sales performance, optimize inventory, and strengthen marketing strategies.

Astrosage Operational Insights & Performance Analysis ([Github](#)) ([Demo](#))

January 2025

- Analyzed agent performance and product popularity, recommending call center technology improvements over additional training or hiring.
- Applied advanced **Excel functions (VLOOKUP, PivotTables, Charts)** to evaluate agent performance, training needs, and technology gaps.
- Optimized investment strategies by uncovering key metrics and enhancing call center technology effectiveness.

CERTIFICATIONS

Professional Certification in Data Science & Artificial Intelligence. Newton School

December 2024

- Gained proficiency in **SQL, Excel, Power BI** and **Python** with focus on data analysis, visualization, and reporting.
- Applied analytical techniques to industry projects and case studies simulating real-world challenges.
- Extracted actionable insights to support data-driven strategies through structured analysis.

SKILLS

Computer Languages: Python, SQL

Data Tools: Power BI

Software Packages: Virtualization, Excel, MySQL

Soft Skills: Written communication, Decision-making, Teamwork, Communication Skills

Others: Microsoft Office, Spreadsheet, Analytics