Moupia Gain

LinkedIn

PROFESSIONAL SUMMARY

Analytics professional with a strong mathematics background, skilled in SQL, Excel, Power BI, and Python for data analysis. Currently working in Data Management and Quality Analysis, reviewing and validating data-driven learning content. Passionate about turning data into actionable insights.

EDUCATION

Master of Science (Mathematics) 2020 - 2023
University of North Bengal, Darjeeling Grade: 65.0%

Bachelor of Science (Science) 2016 - 2020
West Bengal State University, Kolkata Grade: 53.23%

Intermediate (Class XII) 2015 - 2016
Khantura Girls High School Grade: 80.2%

Matriculation (Class X) 2013 - 2014
Khantura Girls High School Grade: 76.71%

EXPERIENCE

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

- Deliver pre-school education to children, focusing on early literacy, numeracy, and social-emotional development.
- Collect and maintain structured data on children's nutrition, health, and developmental milestones.
- Analyze growth and development records to identify trends, detect delays, and generate monthly progress reports.
- Refer children with developmental or health concerns to appropriate medical or welfare departments for intervention.

INTERNSHIPS

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

- Reviewed and validated data-science course content, datasets, and learning pathways to ensure accuracy, consistency, and alignment with learning objectives.
- Performed data quality checks and exploratory analysis using Excel and basic SQL to identify inconsistencies, logical errors, and edge cases.
- Evaluated AI-driven learning modules and analytical workflows to verify correctness of outputs and ensure a smooth end-user experience.
- Collaborated with SMEs, content teams, and project managers to report data issues and maintain structured documentation supporting continuous improvement.

PROJECTS

Netflix Movie Data 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.

Telecom Churn Analysis (Github) (Demo) November 2025

- Cleaned and analyzed customer data using Python (Pandas, Matplotlib, Seaborn) to identify key churn patterns and risk segments.
- Performed detailed exploratory analysis revealing major churn drivers such as contract type, payment method, tenure, and tech-support availability.

- Delivered actionable insights to support churn-reduction strategies, supported by clear visualizations and statistical summaries.

Credit Card Transaction Analysis Dashboard ([Github](#)) ([Demo](#)) October 2025

- Built interactive Power BI dashboards using SQL, Power Query, and DAX to track key KPIs like Revenue, Interest, and Transactions.
- Analyzed customer behavior, card performance, and regional trends to deliver actionable business insights.
- Developed an end-to-end analytics workflow from raw data cleaning to automated, real-time dashboard refresh.

Columbia Asia Hospital Data 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**
  Skills: Power BI, Advanced Excel, SQL.

Chinook Music Sales 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.

Data Analysis on Asterosage ([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