

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

<b>Master of Science</b> (Mathematics) University of North Bengal, Darjeeling	2020 - 2023 Grade: 65.0%
<b>Bachelor of Science</b> (Science) West Bengal State University, Kolkata	2016 - 2020 Grade: 53.23%
<b>Intermediate (Class XII)</b> Khantura Girls High School	2015 - 2016 Grade: 80.2%
<b>Matriculation (Class X)</b> Khantura Girls High School	2013 - 2014 Grade: 76.71%

EXPERIENCE

<b>Data Management Course Quality Analyst (Coursera)</b> AngstormEdu	November 2025 - Present <i>Remote</i>
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- Review, test, and validate data-science course content and learning pathways for Coursera.
- Perform quality checks on datasets, assessments, and analytical exercises using Excel and basic SQL for accuracy and consistency.
- Evaluate AI-driven learning modules to ensure correct functionality and smooth learner experience.
- Collaborate with SMEs, content teams, and project managers to report bugs, content gaps, and data-related issues.
- Maintain structured documentation of test results, defects, and corrective actions to support continuous course improvement.

<b>Pre-School Educator</b> Integrated Child Development Services, Govt. of West Bengal	February 2020 - November 2025 <i>North 24 pgs, West Bengal</i>
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- 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.

PROJECTS

<b>Netflix Movie Data Analysis</b> ( <a href="#">Github</a> ) ( <a href="#">Demo</a> )	November 2025
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- 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.

<b>Telecom Churn Analysis</b> ( <a href="#">Github</a> ) ( <a href="#">Demo</a> )	November 2025
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- 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.

<b>Credit Card Transaction Analysis Dashboard</b> ( <a href="#">Github</a> ) ( <a href="#">Demo</a> )	October 2025
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- 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

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Professional Certification in Data Science & Artificial Intelligence. Newton School

December 2024

- Gained proficiency in **SQL**, **Excel**, and **Power BI** 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

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**Computer Languages:** SQL, Python  
**Data Tools:** Power BI  
**Software Packages:** MySQL, Excel, Virtualization  
**Soft Skills:** Communication Skills, Teamwork, Decision-making, Written communication  
**Others:** Analytics, Spreadsheet, Microsoft Office