

SANJIB SAMADDER

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Data Analyst with close to a decade of experience turning raw, messy data into decision-ready insight across gas/energy, retail, financial services, and SaaS environments. Skilled in **SQL, Python (Pandas/NumPy), and dashboard tools including Power BI, Looker/LookerML, and Snowflake**, with a track record of building automated reporting and KPI frameworks that cut manual reporting time by up to 20–30%. Currently completing an MSc in Data Science at the University of Leicester, adding **machine learning and statistical modelling to a strong foundation in business analytics, forecasting, and stakeholder communication**. Looking to bring hands-on analytical delivery and clear data storytelling to a data-driven organisation.

Technical skills: Power BI, Looker, Python, R, SQL & Excel

CERTIFICATIONS

- Google Data Analytics Professional Certificate - [Link](#)
- Google Advanced Data Analytics Certificate - [Link](#)
- Data Analysis with R Programming - [Link](#)
- Excel Time Series Models for Business Forecasting - [Link](#)
- Excel/VBA for Creative Problem Solving - [Link](#)
- Tools for Data Science - [Link](#)
- Data Literacy - [Link](#)

PROFESSIONAL EXPERIENCE

Research Assistant – Neuromorphic AI & Co-Design Optimisation - Safe Technologia Ltd (UK)

Jan 2026 – Mar 2026

- Developed a machine learning–driven co-design framework for neuromorphic AI, optimising spiking neural networks (SNNs) and hardware parameters concurrently
- Implemented and evaluated SNN models using NEST and GPU-based simulation frameworks, processing event-based datasets (MNIST, SHD, DVS-CIFAR10) for training and validation
- Designed large-scale optimisation experiments using genetic algorithms and Bayesian optimisation for neural architecture search, reducing manual experimentation time by 35%
- Built automated data pipelines and visualisation scripts in Python (NumPy, PyTorch) for experiment automation and result analysis
- Collaborated with multidisciplinary teams to support end-to-end system development, successfully transitioning prototypes from TRL 4 to TRL 6, and contributed to technical reports and funding proposals

Financial Data Analyst – Boardwalk Wealth (USA, Remote, Contractual)

2024 – 2025

- Generated weekly and monthly P&L reports that directly informed financial decision-making, improving reporting consistency by 30%
- Extracted, transformed, and analysed large investment datasets using SQL and Python (Pandas) to identify trends and support data-driven investment strategies
- Automated end-to-end performance tracking by building integrated Looker dashboards and Google Sheets workflows, reducing manual reporting time by 40%

Operations Analyst – Caring. (USA, Remote, Part-time, Contractual)

2023 – 2024

- Generated 5+ daily, weekly, and monthly operational reports, improving cross-team decision-making speed by 25%
- Designed and managed 10+ interactive dashboards using Snowflake and LookerML, enabling real-time KPI visibility for sales leadership
- Identified, tracked, and visualised 15+ key performance metrics (KPIs) for sales teams, improving sales performance visibility by 30%
- Maintained 100% payroll accuracy for 100+ sales agents through automated validation and reconciliation processes

Business Analyst – Walton BD (Dhaka, Bangladesh)

2022 – 2023

- Analysed sales data from 3,000+ retail stores using SQL and Excel, optimising stock levels and distribution efficiency
- Performed data modelling to identify the optimal retail sales model, directly influencing inventory strategy
- Conducted competitor analysis and SKU-level market research to support new product launch decisions

Business Analyst – Omera LPG (Gas Industry - Dhaka, Bangladesh)

2018 – 2022

- **Gas Industry Experience:** Performed forecast analysis on LPG demand and supply, sales analytics across regions, and marketing analytics to optimise campaign performance — gaining direct exposure to gas market fundamentals
- Led the development and rollout of **SalesHawk**, a nationwide sales monitoring platform covering 32,000 retail locations, improving sales visibility by 35%.
- Deployed **SalesHawk** to 200 distributors and 4 company plant employees, directly optimising sales strategy and improving operational visibility
- Managed field force analytics and incentive structures for 70+ sales representatives, directly improving retention and performance tracking
- Developed and maintained interactive Power BI dashboards to track KPIs and support regional sales decision-making

Junior Data Analyst – Samsung Electronics (Dhaka, Bangladesh)

2016 – 2018

- Created and maintained Excel-based sales reports for 120 retail locations, consolidating data into executive-ready weekly summaries
- Collaborated with Korean and Indian teams to implement Samsung DMS across Bangladesh, improving cross-border data consistency
- Analysed marketing spend vs. sales output for TV and print campaigns using Excel (VLOOKUP, SUMIF, PivotTables, Power Query, Power Pivot, Goal Seek), optimising ROI by 20%

FREELANCE EXPERIENCE

- Completed **100+ analytics and BI projects** for US-based organisations, developing **Excel, Power BI, and Looker dashboards** to provide clear, executive-level performance insights
- **Power BI Developer (Freelance) — Johnson & Johnson EU — *6-month project***
 - Designed and deployed enterprise-level Power BI dashboards for Johnson & Johnson's European operations, enabling real-time KPI tracking
 - Ingested, cleaned, and transformed data from multiple sources, creating graphical interpretations to identify trends, outliers, and performance drivers
 - Automated manual reporting processes, reducing weekly report generation time by 5

EDUCATION

MSc Data Science University of Leicester 2026 – Cont.	MBA (Marketing) Bangladesh University of Professionals 2021 – 2023 / CGPA: 3.55/4.00	BBA (Marketing & Finance) North South University 2011 – 2016 / CGPA: 3.31/4.00
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