

Thiloshana Kushanki

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Analyst with over 6 years' experience transforming large datasets into actionable insights that support operational performance and decision-making. Skilled in SQL, Excel, Power BI and dashboard development, with a strong track record of defining KPIs, identifying trends and driving improvements in efficiency and quality. Proven ability to interpret complex data, communicate findings to non-technical stakeholders, and deliver high-impact reporting in fast-paced environments.

Areas of Expertise

- Advanced Excel Modelling and Analysis
- Power BI Dashboard Development
- Operational and Manufacturing Data Analysis
- Data Visualization and Performance Reporting
- Trend Analysis and Forecasting
- KPI Definition and Tracking
- Cost and Budget Analysis
- Data Quality, Accuracy and Governance

Technical Proficiencies

Data Analysis and Visualisation
Data Management & Databases
Programming & Analytics

: Power BI(DAX, Power Query), Microsoft Excel(Advanced)
: SQL, AWS Redshift, Amazon S3
: Python, R (RStudio)

Experience Highlights

2 Sisters Food Group, Coupar Angus

Jun 2024 — Present

Quality Inspector

May 2025 — Present

Analyse, validate, and report operational and quality data to support compliance, continuous improvement, and performance monitoring. Ensure alignment with company Health & Safety, Food Safety, and Quality standards in a fast-paced manufacturing environment.

- Identify trends, anomalies, and process inefficiencies within manufacturing data to drive corrective actions.
- Collaborate with Quality, Technical, and Production teams to ensure data integrity and reporting accuracy.
- Support internal and external audits by preparing accurate, traceable datasets.
- Deliver insights through automated systems, escalating discrepancies for timely resolution.
- Communicate findings clearly to both technical and non-technical stakeholders.

Production Operative

Jun 2024 — May 2025

Operated in a fast-paced production environment while ensuring strict adherence to Health & Safety, Food Safety, and Quality standards. Developed strong operational awareness and data accuracy discipline within regulated processes.

Bespoke Consultores, Mexico

Jul 2023 — Sep 2023

Data Analyst

Delivered data-driven insights for a consulting firm by analysing large-scale electoral datasets to support strategic decision-making and performance optimisation.

- Identified patterns and correlations using quantitative and programmatic techniques, enabling evidence-based decisions and improved campaign effectiveness.
- Designed and delivered interactive Power BI dashboards (DAX, Power Query) and advanced Excel reports, highlighting key trends, performance metrics, and anomalies.
- Performed ETL processes, data cleansing, and exploratory data analysis (EDA) to ensure data accuracy and reliability.
- Presented findings and recommendations to stakeholders, translating complex datasets into clear, actionable insights.
- Maintained strict data governance and confidentiality standards while analysing sensitive information.

Dialog Axiata PLC, Sri Lanka
Business & Finance Data Analyst

Sep 2018 — Jan 2023
Sep 2020 — Jan 2023

Managed budget databases and produced financial and sales reports to support strategic business initiatives within a leading telecommunications organisation.

- Analysed complex datasets to identify trends and patterns, applying statistical and predictive techniques to support forecasting and performance evaluation.
- Designed, built, and maintained databases to enable accurate reporting and consistent KPI monitoring across multiple business units.
- Coordinated closely with Finance teams to accurately capture budgetary impacts, maintain data integrity, and support financial governance processes.
- Cleansed sales data and calculated sales commissions, maintaining the commission database to ensure accuracy and timely reporting.
- Administered BU-funded regional sales plans, validating sales proposals and monitoring performance across all regions.
- Examined project budgets on a monthly and annual basis, identifying discrepancies and improving the accuracy of budget forecasting through data-driven analysis.
- Delivered ad-hoc financial and performance reports to senior management and external stakeholders within agreed timeframes.
- Prepared management reports and interactive dashboards, translating complex financial data and operational data into clear insights for both technical and non-technical stakeholders.
- Consolidated data from SAP into the internal finance database, generated reports and managing financial distribution within defined deadlines.
- Collaborated cross-functionally with Finance, Sales Planning, and Operations teams to integrate data-led strategies into customer-focused and commercial initiatives.
- Approved promotions for BU-funded projects in partnership with Sales Planning teams, ensuring alignment with budget and commercial objectives

Technical Data Analyst

Sep 2018 — Sep 2020

Supported technical and IT operations by analysing inventory and customer service data to improve operational efficiency, service performance, and customer satisfaction.

- Maintained accurate stock levels within the Warehouse Inventory Management System (DMS) and optimised backend processes to improve operational efficiency.
- Prioritised and monitored customer service requests based on impact, supported high service standards and maintained strong Net Promoter Scores (NPS).
- Collaborated with IT and technical teams to streamline workflows and enhance reporting processes.
- Monitored and improved customer satisfaction by analysing service request (SR) data, ensuring adherence to service-level agreements (SLAs) and driving operational improvements.
- Developed data-driven insights to support decision-making and enable proactive operational enhancements.
- Conducted data quality checks to maintain accuracy and integrity across operational databases.

Education

MSc in Business and Big Data Analytics, 2024
University of Dundee, Dundee, Scotland

BSc in Mathematics and Computer Science, 2018
University of Ruhuna, Matara, Sri Lanka

Certifications

Machine Learning Specialization, Stanford University & DeepLearnig.AI(Coursera), 2026
Professional Certificate in Agile Project Management, Atlassian University, 2024
BCS Foundation Certificate in Business Analysis, British Computer Society, UK, 2021