MATTHIAS NGOL SAMBA MBARGA, MBA

SENIOR BUSINESS ANALYST | BUSINESS INTELLIGENCE | SYSTEMS INTEGRATION

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PROFESSIONAL SUMMARY

Senior Business Analyst with 15+ years across financial reporting, enterprise systems, and data platforms. Lead requirements discovery, KPI definitions, source-to-report mapping, and coordination through dashboard validation and UAT. MBA in Finance with hands-on SQL, Excel, Power BI, and Tableau; earlier engineering roles support business and technical collaboration.

CORE SKILLS

Business analysis: Stakeholder discovery, requirements, process and data-flow mapping, traceability, gap analysis, UAT and acceptance criteria.

Business intelligence: SQL/T-SQL, Power BI, Tableau, advanced Excel, KPI definitions, data validation, ETL concepts and executive reporting.

Systems and finance: Source-to-report mapping, platform integration, operational controls, forecasting, variance analysis and financial modeling; Python, R and PL/SQL.

Collaboration and enterprise tools: Agile and Scrum practices; Jira, Confluence and SAP ERP.

PROFESSIONAL EXPERIENCE

Dominion Systems Inc. | Contract engagements | Jul 2016–Present

Senior Business Analyst and Strategy Consultant | Jan 2022–Present

- Led requirements discovery with finance, data, and engineering stakeholders; defined KPI logic, source-data needs, reporting rules, and acceptance criteria.
- Recommended consolidating reporting into Power BI and Tableau workflows; the Program Manager approved the approach after reviewing the results. Traced source fields to reporting outputs and coordinated validation and UAT using Jira and Confluence.
- Dominion Systems Inc. internal program reporting indicated approximately 30% fewer manual reporting cycles following reporting consolidation. This is a program-level result; client-specific measurement records remain confidential.
- Built Excel, SQL, Python, and R models for forecasting and capital-allocation scenarios; documented assumptions, controls, and decision implications in AI strategy work.

SRE and Data Science Lead | Oct 2019–Dec 2021

- Reviewed service dependencies, incidents and data flows to identify operational risks and control gaps. Internal program reporting showed 99.95%+ availability and approximately 40% lower mean time to recovery.
- Documented workflows, escalation paths and controls with business, data and engineering teams, connecting operational requirements to platform changes.

Senior DevOps and Platform Engineer — Abiatom LLC
Contract engagements | July 2016–September 2019

- Standardized source-control, CI/CD, and release practices across integration work; internal program reporting indicated approximately 40% fewer merge conflicts.
- Designed AWS automation and operational controls to support resilience, audit preparation and cost visibility.

Data Platform and Cloud Database Engineer — Verizon

Contract engagement | Texas, remote | 2015–2016

- Used execution plans, indexing and concurrency analysis to improve hybrid database services; reported query latency fell 30–45% in the measured work.

Earlier experience | 2010–2015

CITI Group | Assistant Financial Accountant and Financial Systems Developer

- Prepared financial and operating reports using SAP ERP and developed PL/SQL and Linux reporting automation for management review.

SELECTED ANALYTICS EVIDENCE

- Independent Pfizer public-data model: specified metric-year grain and source mapping; used SQL keys to prevent duplicates and NULL to preserve missing values. Documented acceptance checks reconcile $11.704B operating cash flow less $2.629B capital expenditure to $9.075B free cash flow, revealing a $696M gap relative to dividends.
- Excel business analysis (independent project): examined 263 e-commerce survey records and 30 source fields with a codebook, pivots, correlations, and validation checks.
- Forecasting research: compared four methods across 1,554 price observations and published a hybrid AI/ARIMA study (DOI: 10.5281/zenodo.21199900).

EDUCATION

M.S., Data Science | Eastern University | In progress

MBA, Finance | University of Maryland Global Campus

M.S., Accounting and Corporate Finance | University of Douala

SELECTED CERTIFICATIONS

Google Business Intelligence Certificate | Microsoft Azure Solutions Architect Expert | AWS Solutions Architect Associate | CompTIA Security+ | Oracle Cloud Infrastructure Architect Associate