

Mohammed Al Sarraj

DATA GOVERNANCE & AI ENGINEERING

View Portfolio

CONTACT

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CORE STACK

Governance

Informatica CDGC, EDC, Axon, Analyst; MIMB / MITI bridges

AI & LLM

Claude API, Claude Code, MCP, agentic workflows, RAG, prompt engineering

Languages

Python, SQL, JavaScript / TypeScript, HTML / CSS, Bash

Data & BI

Oracle, Hive, Tableau, Power BI metadata, Snowflake

Compliance

DAMA-DMBOK, UAE PDPL, NDMO Controls, Abu Dhabi Digital Transformation Policy

CERTIFICATIONS

- CDMP — Associate
- DAMA Data Management Fundamentals
- Informatica Data Privacy Governance
- Data Governance & Privacy — Foundation · Analytics · Democratization
- Snowflake SPN: Sales & Technical Sales

LANGUAGES

English Fluent
Arabic Native

Senior Data Governance Engineer with five years at BBI Consultancy across six GCC government and enterprise clients: ADEO, Qatar Central Bank, Dubai Police, DCT, SCAD, and YBA Kanoo. Core tools are Informatica CDGC, EDC, and Axon. Outside client work, I've built **19+ AI tools** across four live product suites, plus **Manarah** — a four-part data platform built as a practical alternative to Informatica for GCC environments.

EDUCATION

B.Sc. in Software Engineering · Al Ain University, UAE

2017 – 2021

PERSONAL PROJECTS · 2025 TO 2026

Manarah Suite **FLAGSHIP**

A four-part data platform built as a practical alternative to Informatica. **Wasit** handles ETL with 30+ connectors, **Mizan** runs data quality scoring, **Amin** manages governance and catalog, and **Manarah AI** is a chat interface into all three. UAE PDPL compliance controls sit inside each pipeline step. Live at moealsarraj.com — demo / demo123.

Public AI Tools 19 Tools · 4 Suites

BizIntel (7) — Competitive Intel, Persona Studio, Meeting Distiller, Contract Lens, CSV Storyteller, Resume Match, Resume Forge. **DevKit** (6) — Schema Detective, Test Forge, SQL Whisperer, Doc Forge, Changelog AI, Git Narrator. **AI Lab** (4) — Prompt Bench, Prompt Shield, Agent Builder, Arabic Bench. **ContentForge** (2) — Content Repurposer, AI Debate Arena. All live at moealsarraj.com.

EXPERIENCE

Senior Data Governance Engineer at BBI Consultancy

2021 – present · Dubai

Boutique GCC data governance consultancy. Lead technical consultant — primary delivery resource on all six engagements below.

Abu Dhabi Executive Office · UAE Federal · 2021 – 2024

- Inherited a blank slate — ADEO had no DG framework at all. Over three years, delivered the full stack in production: ETL pipelines, data quality rules engine, business glossary, enterprise data catalog, and end-to-end metadata lineage. Aligned to the UAE National Data Strategy.
- Architected the UAE Federal Data Marketplace, enabling secure data sharing across government entities and improving cross-entity data visibility by **60%**.
- Led a cross-functional team to redesign and deploy the full CDGC solution. Cut data access bottlenecks by **40%** and delivered **100%** of ADEO's requirements ahead of schedule.
- Ran **15+ executive enablement sessions** to drive adoption of governance tools across leadership — covering everything from data ownership concepts to hands-on platform walkthroughs. Built the data-driven culture from the top down.

Qatar Central Bank

- Ran working sessions with QCB business leads to establish a clear line between organisation-wide business terms and attribute-level definitions — the distinction that separates a usable glossary from one that becomes noise. Built the full enterprise glossary in Informatica Axon: hundreds of governed terms, ownership assigned, review cycles set.
- Integrated the finished glossary into QCB's Tableau environment so analysts could trace any figure back to its governing term and underlying KPI definition.

Dubai Police — General Headquarters

- Pioneered a scalable DG framework across Dubai Police — an organisation with multiple specialised departments, siloed systems, and no shared data language. Mapped **200+ critical data elements** that had never been formally defined, classified, or owned.
- Integrated **10+ legacy databases** into a single unified catalog with cross-system traceability and ownership assigned at the field level. Demonstrated tangible ROI through governance use cases, resulting in a **30%** reduction in manual data reconciliation efforts across departments.

Department of Culture & Tourism — Abu Dhabi

- Re-engineered DCT's DG structure from the ground up — roles, decision rights, escalation paths, and the operating processes that make governance actually run. Mapped the model to Abu Dhabi's Digital Transformation Policy so DCT could demonstrate framework-level compliance.
- Orchestrated an enterprise-wide training programme on Informatica Axon and EDC, empowering **50+ stakeholders** across business and IT to leverage metadata for day-to-day decision-making.

Statistics Centre — Abu Dhabi

- SCAD's statistical outputs feed directly into government planning, policy decisions, and public reporting — accuracy is non-negotiable. Audited the full statistical production pipeline and optimised data quality controls at each stage of the process, replacing end-of-line checks with validation embedded throughout.
- Achieved **95% accuracy** in statistical reporting and brought SCAD's data handling practices into full GDPR compliance — giving the centre a defensible governance posture for its published statistical operations.

Yusuf Bin Ahmed Kanoo Group — Bahrain

- Deployed a tailored Informatica EDC environment for YBA Kanoo — one of the oldest conglomerates in the Gulf, spanning shipping, travel, industrial, and real estate, each with its own fragmented data landscape. The engagement came in with persistent unresolved scanning issues blocking the project.
- Diagnosed and resolved **100%** of the outstanding scanning issues, stabilised the EDC environment, and met **100%** of client SLA requirements — delivered within **3 months**.