SIDDHARTH RAGHAVAN

Senior Data Analyst & Applied AI | SQL · Power BI · BI Migration · Local LLMs · AI Adoption
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PROFESSIONAL SUMMARY

Data analyst with 5+ years across aviation, energy, fintech and consulting, currently at Emirates Airlines in the Enterprise Data Analytics (EDA) department and appointed AI Adoption lead for the Operations team. Works end to end on BI delivery — analysis, SQL view development, QA and Power BI dashboard build — and is leading reports through the SAP Business Objects to Power BI migration. Pairs enterprise data discipline with hands-on applied AI: runs a private local-LLM lab of 27B–35B-class Qwen models on Apple Silicon, evaluates models for agentic tool use, and ships AI-assisted data products to production.

CORE SKILLS

Analytics & BI — SQL / PL-SQL (advanced) · Power BI (data modelling, dashboards) · SAP Business Objects / Web Intelligence · MicroStrategy · Tableau · Advanced Excel · KPI design · Data storytelling

Data & Governance — Snowflake · Oracle · PostgreSQL / Supabase · SQL views · Data profiling & QA · Data dictionaries & source-to-target mapping · Migration validation · PII compliance

Applied AI — Claude Code · Local LLM inference (oMLX, Ollama, MLX, Strata, Splash) · Qwen / Gemma evaluation · Tool-calling agents · RAG & pgvector · Prompt engineering · AI adoption & enablement

Engineering & Delivery — Python · TypeScript / Next.js · PowerShell · n8n · Docker · Git · Stakeholder management · Agile / JIRA / Confluence

PROFESSIONAL EXPERIENCE

Data Analyst — Emirates Airlines, Emirates Group *Dubai, UAE · Aviation · 08/2023 – Present*

- Deliver the **SAP Business Objects → Power BI** migration end to end: analysing legacy reports, developing SQL views, QA testing, and building the Power BI dashboards on PL/SQL and Snowflake sources.
- Appointed **EDA AI Adoption lead** for the Operations team and member of the department's AI working groups, driving practical, governed use of AI tools across analysts and business stakeholders.
- Built an executable **PowerShell installer** that deploys Claude Code with the corporate AI-gateway settings pre-configured, so a colleague's only step is adding their API key to settings.json.
- Building the business case with the VP for funded on-premise AI infrastructure, evaluating NVIDIA DGX Spark against Mac Studio for private, local LLM inference in the office.
- Profile source data, review data models and author data dictionaries and source-to-target mappings; led data validation through platform migration and PII analysis for data-privacy compliance.
- Supervise and onboard interns joining the Operations domain; deliver within Agile squads via JIRA and Confluence.

Business Intelligence Analyst — CFOsme *Dubai, UAE · Consultancy · 11/2022 – 07/2023*

- Delivered BI consulting across UAE client engagements, taking each from business question through requirements and data modelling to Power BI solutions over financial, HR and spend-approval data, presented to C-suite audiences.

Business Intelligence Analyst — TotalEnergies Marketing Middle East / Spades *Dubai, UAE · Energy & FinTech · 11/2021 – 11/2022*

- Executive dashboards and custom KPI reporting for regional leadership and sales managers at TotalEnergies, defining the commercial measures they tracked; concurrently product analytics for Spades, an early-stage Dubai fintech app, feeding adoption findings into prioritisation.

DATA & APPLIED AI PROJECTS

20+ data and AI products built and run outside of work. Source on **github.com/siddu97pop**, live index at **lexitools.tech**.

- **Local LLM Lab** — Private inference stack on a MacBook Pro M5 Max (128 GB): Qwen3.8-Flash-Next (Q4) on the Strata engine and Qwen3.6-35B-A3B / Qwen3.8-27B on the Splash engine behind an oMLX server, used through the DeepSeek coding harness for day-to-day development; models are bridged over Tailscale to a Mac mini so local agents and chat apps share them. *oMLX · Strata · Splash · Ollama · MLX.*
- **Hermes — Local AI Assistant** — Fully on-device Discord assistant (Gemma 4 12B) with private web search and browser tools. Built a multi-turn tool-use eval (search → open → read → answer, plus a payment-refusal trap): the 12B passed 9/9 flows vs 3/9 for smaller Gemma and Qwen models and became the default. *Ollama · SearXNG · agent-browser.*
- **Emergency Health Card** *(ehc.lexitools.tech)* — Production web app that turns a medical profile into a scannable QR card with a responder view and phone Wallet / home-screen delivery; developed largely with local Qwen models through the DeepSeek harness. *Next.js · TypeScript · Vercel.*
- **Investment Performance Analytics** — Since-inception analysis across three brokerage accounts and ~7 years of statements: time-weighted return, XIRR, cash-flow-adjusted profit by year and fee-scenario modelling, reconciled to one accounting baseline and delivered as a client-ready report. *Python · SQL · Excel.*
- **Wealth Dashboard** *(wealth.lexitools.tech)* — Net-worth dashboard integrating multi-account brokerage feeds and market pricing, with a daily snapshot job and loan payoff modelling. *Next.js · Supabase · IBKR Flex API.*

EDUCATION, CERTIFICATIONS & EARLY CAREER

BBA — Bachelor of Business Administration, Heriot-Watt University · Dubai, UAE · 01/2017 – 01/2019

Certifications — Claude Certified Developer – Foundations · Claude Certified Architect – Foundations · GitHub Foundations · *In progress:* Claude Certified Architect – Professional · Microsoft Azure AI Engineer Associate (AI-102) · AWS Certified AI Practitioner

Internships — Bayzat (Sales Development Analyst, 2019) · WMS SAP Gold Partner (Marketing & Sales, 2018) · 3M (Sourcing, 2017) · Earlier: Data / Marketing Analyst, East West Advertising (06/2019 – 01/2020) — campaign performance and channel spend analytics.

Languages — English (fluent) · Tamil · Hindi. UAE-based throughout career, with 7+ years of Middle East market experience.