

JAGADISH B

Data & Business Analyst · SQL & Python · Power BI (DAX) · ETL Pipelines · AI Tools

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PROFESSIONAL SUMMARY

Data & Business Analyst with **3+ years** delivering end-to-end analytics solutions across e-commerce, IoT, and AI environments. Proven impact: **90% ETL pipeline runtime reduction** at Amazon, **12% revenue uplift** identification via SQL-driven analysis, and **30% data accuracy improvement** through governance frameworks. Brings strong **SQL, Python, Power BI (DAX)**, and **Excel** depth alongside hands-on experience building AI-powered tools, scalable data pipelines, and cross-functional reporting solutions. Translates complex datasets into decisions that business stakeholders can act on immediately.

CORE SKILLS

Technical SQL (Advanced), Python, Power BI (DAX, Data Modelling, Visualization), Excel (Advanced), BigQuery, HiveQL, Regex, XPath, JSON, Git
Analytics ETL/ELT Pipelines, Data Validation & Governance, KPI Dashboard Development, Root Cause Analysis, BI & Reporting, Google Analytics, AWS
Professional Stakeholder Communication, Structured Problem-Solving, Cross-functional Collaboration, Agile Delivery, Data Storytelling

PROFESSIONAL EXPERIENCE

Business Analyst AI Evaluation | Turing

Mar 2026 Present

- Conducted **250+ comparative AI model evaluations** across diverse domains (e-commerce, legal, travel, logistics) scoring two competing models per task on **factual accuracy, task completion, and reasoning quality** out of 5 with detailed written justification
- Verified claim-by-claim factual accuracy for complex multi-parameter prompts averaging **4590 mins per evaluation** using research, Excel, and Google Sheets to track scores and structure reports
- Delivered **detailed comparative reports** per evaluation cycle identifying model strengths, reasoning gaps, and actionable improvement areas directly informing AI model refinement

Data Analyst & Web Consultant | Freelance

Feb 2025 Present

- Delivered analytics and web development engagements for SME clients (PMSSolution, Green7Glass, Maruti Seva School) Power BI dashboards, pricing analysis, operational reporting, and full website builds
- Built Power BI dashboards (DAX, data modelling) on **50K+ records** tracking revenue, pricing, and KPI trends; integrated Google Analytics across client sites for performance monitoring
- Conducted **competitor pricing and market analysis** for an e-commerce client, uncovering a **12% revenue uplift** opportunity via SQL-driven benchmarking and margin analysis

Data Analyst Catalog Operations | Amazon

Nov 2023 Jan 2025

- Validated **1M+ catalog & pricing records** against business rules using SQL and Regex, protecting revenue integrity across live marketplace operations at scale
- Engineered XPath & Regex **validation frameworks**, improving catalog data accuracy by **30%** and establishing reusable data governance checkpoints across operations
- Automated ETL/ELT pipeline** for 100K+ SKU records using Python; embedded quality checks cutting runtime from **2 hours to 10 minutes (90% reduction)**
- Raised catalog data quality from **72% to 94%**, directly reducing downstream revenue-impacting errors by **17%**

Solution Analyst | Altizon Systems

Jan 2023 Sep 2023

- Processed & validated **100K+ IoT sensor records daily**, enforcing transformation logic accuracy across operational reporting pipelines
- Improved data consistency by **25%** by standardising preprocessing logic; built KPI dashboards surfacing real-time anomalies for engineering and business teams

Data Analyst (Part-time, during B.E.) | Easy Day

Jan 2021 Sep 2021

- Analyzed **500+ SKU** sales records to identify demand patterns and inventory gaps, **improving stock turnover by 15%** through data-driven restocking analysis using Excel

KEY PROJECTS

- JD-GPT AI SQL Intelligence System** Python, Streamlit, Gemini API, Groq/Llama3
Built and deployed an LLM-powered natural language to SQL converter featuring **dual-core fallback architecture** JD Core (Gemini) with automatic failover to KD Core (Groq/Llama3); zero downtime design; live at jd-gpt.streamlit.app
- Sales, Revenue & Profitability Dashboard** Power BI DAX, Star Schema, Data Modelling
Built interactive Power BI dashboard tracking revenue, pricing, and contribution margins across retail product categories with DAX measures and optimised data model [live dashboard in header](#)

EDUCATION & ACHIEVEMENTS

B.E. Mechatronics | Chennai Institute of Technology

2019 2023 | CGPA: 8.84/10

- ★ **7-Time National Karate Gold Medalist** Demonstrates sustained discipline, structured thinking, and high performance under pressure
- Earned **HackerRank SQL Gold Badge** advanced SQL proficiency validated through competitive problem-solving
- Raised catalog data quality from **72% to 94%**, reducing downstream errors by **17%** at Amazon