

James Mete

Data & AI Leader | Analytics, ML, & GenAI | Data Platforms, Strategy & Governance | 12+ Years Experience
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SUMMARY

Canadian Data & AI professional with 12+ years building analytics platforms, ML models, and GenAI automation in high-compliance environments. I've shipped forecasting models that improved accuracy by 44%, LLM-based automation that reduced processing time by 83%, and data pipelines processing over 1.4 billion records. My work spans the full delivery chain, from Python / SQL pipelines and cloud infrastructure through to executive dashboards and board-level reporting. I hold a Master of Applied Data Science from the University of Michigan (4.0 GPA) and have led cross-functional teams across EMEA and APAC.

EXPERIENCE

Digital Transformation Director

Aug 2023 - Present

Sherbiny

Dammam, Saudi Arabia

- Sherbiny is a leading Saudi industrial solutions manufacturer serving major enterprise and energy-sector clients such as Saudi Aramco, SABIC, and SWA.
- Led cross-functional AI, Data, IT, and Software teams delivering the IT, ERP, Data & AI roadmap.
- Awarded top performance award (president's circle) in the company twice.
- Developed an IT/OT architecture plan for multiple facilities spanning end-user devices, servers, cybersecurity controls, and network infrastructure, with a zero-trust focus across Saudi and international operations.
- Built an enterprise data platform using Python, SQL, Azure, GCP, and Power BI to unify data from multiple systems and deliver executive dashboards on liquidity, CapEx, working capital, pricing, margins, and risk.
- Improved sales forecast accuracy by 44% by training/deploying XGBoost machine learning models on ERP data.
- [Reduced RFQ document-processing time by 83%, from 30 minutes to 5 minutes, by implementing an LLM/GenAI workflow app](#) that extracts required details from complex unstructured data and automates document processing.
- Automated data quality audits on 12k+ records and set IT policies and controls for GDPR, PDPL, & Aramco Cybersecurity Compliance Certification.
- [Built full-stack AI bid-analysis app auto-ingesting 10k+ government tenders](#) daily from government portal (Etimad). LLMs translate, score, and rank each tender against the company profile, surfacing fit scores, deal-breakers, bid deadlines, and recommended actions to cut through noise and target only winnable bids.
- Eliminated manual SLA reporting by building a GenAI pipeline that analyzes survey scores and open-ended comments to auto-generate structured performance reports with improvement recommendations.

Management Analyst (Data & Analytics Manager)

Sep 2019 - Jul 2023

Sherbiny

Dammam, Saudi Arabia

- Led data science, analytics, data engineering, and executive reporting for senior business stakeholders.
- Reduced quotation lead time by 92% through SQL performance tuning, automated Python scripts and process improvements.
- Led launch of [sawab.app](#), an industrial B2B/B2C e-commerce platform, owning business analysis, project management, and stakeholder coordination from inception through successful spinout as a standalone company.
- Led end-to-end ERP implementation unifying sales, supply chain, and accounting; built custom modules, enforced authority matrix controls, and drove adoption through structured stakeholder engagement.
- Delivered cross-functional program to construct brand new manufacturing and service center. This included feasibility studies, project management, cost analysis, facility construction, and team coordination.

- Elected Board of Directors Secretary; facilitated board meetings and prepared presentations.
- Elected member of Investment & Risk Committee (IRC) to lead analysis and presentations of new investment opportunities both within Saudi Arabia as well as across the world.
- Elected member of Nomination & Remuneration Committee (NRC) to lead analysis related to setting standardized guidelines for nomination of various C-level roles, as well as remuneration criteria and categories.
- As Acting Marketing Manager: grew website traffic 121% by rebuilding in React/NodeJS and boosted marketing output 300%+ through Kanban-driven pipeline optimization.

Sales & Marketing Analyst (Data Scientist)

Sep 2017 - Aug 2019

Sherbiny

Dammam, Saudi Arabia

- Built ETL pipelines and governed datasets for data collection, cleaning, analysis, forecasting, and dashboards
- Conducted feasibility studies, sales forecasting, and business analysis to identify growth opportunities and support local manufacturing facility decisions (IKTVA).
- Implemented data-driven sales strategies / targets with General Manager, driving 45% revenue growth.
- Built end-to-end Excel billing template system covering quotation to invoice, streamlining the full sales pipeline.

Business Analyst

Jul 2014 - Aug 2017

Nescom

Jubail, Saudi Arabia

- Performed risk-based financial analysis that supported Saudi Investment Bank funding for expansion.

Web Developer

Jan 2012 - Jun 2014

Freelance

Toronto, Canada

- Designed web, graphic, and video assets for top-tier streamers including Pokimane and Sneaky, reaching daily audiences of 10,000+ viewers.

EDUCATION

Master of Applied Data Science

University of Michigan | GPA: 4.0

Ann Arbor, Michigan, USA

Bachelor of Arts

Brock University | Honours

St. Catharines, Ontario, Canada

PROJECTS

Process Optimization Algorithm Simulator

- Demonstration of efficient algorithms to identify bottlenecks in documented processes and offer AI generated feedback to systematically calculate operational workflow performance improvements.

AI Video Quality Prediction

- Built scalable ML pipeline (1.4B+ rows); validated Random Forest model at 82% accuracy / 80% F1 score

Cross-Platform Sentiment Analysis

- Built sentiment analysis pipeline analyzing 3B+ records across Amazon, Reddit, and Twitter

NLP Text Complexity Classifier

- Built NLP text-complexity classifier using engineered features, clustering, and fine-tuned BERT

Open Assistant

- Built scalable ETL pipelines and standardized training datasets for one of the first major open-source LLMs

SKILLS

Python, SQL, Spark, ETL, AI, ML, GenAI, LLMs, NLP, Data Science, Data Engineering, Data Governance, Data Strategy, Data Platforms, Power BI, Azure, GCP, Cloud, Stakeholder Management, Data Visualization, Data Analytics