

James Mete

Data & AI/ML Director | Data Products, ML Platforms, Governance/Risk | 12+ years experience

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EXPERIENCE

Digital Transformation Director

Sherbiny

Aug 2023 - Present

Khobar, Saudi Arabia

- Lead cross-functional teams of 5+ people (AI/ML, Data, IT, Software Development) driving the AI/ML platform and digital transformation roadmap; awarded highest performance award (2x)
- Built enterprise data platform (Python/SQL ETL + Power BI) enabling real-time C-suite executive decisions on liquidity, capex/working-capital allocation, pricing/margins, and risk.
- Improved sales-forecast accuracy by 44% via training/deploying XGBoost model on ERP data
- Cut document processing by 99% via governed LLM/GenAI workflow automation
- Automated audits on 12k+ records; set controls for PDPL / Aramco Cybersecurity Compliance
- Built AI bid-analysis data product to rank/prioritize 10k+ government tenders
- Built 3D server rack digital twin for asset inventory; achieved 100% port/device traceability

Data & Analytics Manager

Sherbiny

Sep 2019 - Jul 2023

Khobar, Saudi Arabia

- Led data science, analytics, data engineering & exec reporting; managed senior stakeholders
- Reduced quotation lead time by 92% with SQL performance tuning
- Drove PMO delivery: e-commerce (sawab.app), ERP, and facility build; managed timelines
- Elected Board of Directors Secretary; facilitated board meetings and prepared presentations

Data Scientist

Sherbiny

Sep 2017 - Aug 2019

Khobar, Saudi Arabia

- Built ETL pipelines & data governance for dashboards/forecasting; led feasibility studies

Business Analyst

Nescom

Jul 2014 - Aug 2017

Jubail, Saudi Arabia

- Risk-based analyses; secured Saudi Investment Bank funding for expansion

PROJECTS

AI Video Quality Prediction (ML)

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

Cross-Platform Sentiment Analysis

- Analyzed 3B+ records; identified sentiment analysis features across Amazon/Reddit/Twitter

NLP Text Complexity Classifier

- Placed 2nd (UMich Kaggle) using KMeans clustering + fine-tuned transformer model

Open Assistant

- Built scalable ETL pipelines for early open-source LLM; standardized datasets

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

SKILLS

Python, SQL, ETL, Data Platforms, AI, ML, Forecasting, GenAI, LLMs, Cloud, Data Product Strat, Data Governance, Product Roadmaps/KPIs, Stakeholder Management, Data Ethics & Privacy