

James Mete

Canadian Data Scientist With 10+ Years In Digital Transformation, IT, And Analytics Leadership

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EXPERIENCE

Digital Transformation Director

Sherbiny

Aug 2023 – Present

Khobar, Saudi Arabia

- Led company-wide AI/ML, software, and IT digital transformation achieving 2x President's Circle Award
- Built ETL pipelines in Python / SQL and Power BI dashboards, giving the C-suite real-time decision insight
- Raised sales-forecast accuracy 44% with an XGBoost decision tree AI model trained on historic ERP data
- Cut document processing time by 99% via LLAMA-powered GenAI workflow and PDF-annotation tool
- Automated quality checks on 12k+ records and set policies to earn Aramco Cybersecurity Compliance

Data & Analytics Manager

Sherbiny

Sep 2019 – Jul 2023

Khobar, Saudi Arabia

- Led data science, analysis, executive presentations, and C-suite reporting; appointed Board secretary
- Decreased quotation lead time by 92% by engineering optimized SQL database query solutions
- Drove PMO projects: [e-commerce platform \(sawab.app\)](#), ERP system, and new facility construction

Data Scientist

Sherbiny

Sep 2017 – Aug 2019

Khobar, Saudi Arabia

- Built data pipelines & governance for executive dashboards; led feasibility for new manufacturing sites

Business Analyst

Nescom

Jul 2014 – Aug 2017

Jubail, Saudi Arabia

- Performed risk-based analyses; secured Saudi Investment Bank funding for new expansion opportunities

PROJECTS

AI-Based Youtube Video Quality Prediction:

- Built ML pipeline processing 1.4B+ records for a Random Forest classifier (82% accuracy/80% F1 score)

Cross-Platform Sentiment Analysis:

- Identified platform-specific patterns by analyzing 3B+ data points across Amazon, Reddit, and Twitter

NLP Text Complexity Classifier:

- Won 2nd place in UMich Kaggle competition using KMeans clustering and fine-tuned transformer model

Open Assistant:

- Built scalable data pipelines and ETL scripts for one of the first major open-source LLM projects

EDUCATION

Master of Applied Data Science

University of Michigan

4.0 GPA

Ann Arbor, Michigan, USA

Bachelor of Arts

Brock University

Honours

St. Catharines, Ontario, Canada

SKILLS

Data Analytics | Team Leadership | Python | SQL | AI / ML | Business Intelligence | Project Management | IT Infrastructure | Data Governance | Stakeholder Management | Communication | Power BI | Agile | Spark