

James Mete

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

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EXPERIENCE

Sherbiny – *Khobar, Saudi Arabia*

Sep 2017 – Present

Digital Transformation Director

Aug 2023 – Present

- Lead AI/ML, Digital Transformation, Software Engineering, and IT achieving 2x President's Circle Award
- Architected enterprise-wide digital transformation across IT infrastructure, data visualization, and Gen AI
- Created interactive dashboards with multi-source data integration for executive decision-making
- Improved sales forecast accuracy by 44% by implementing an XGBoost machine learning model
- Engineered LLM-based automated systems using LLAMA reducing survey processing time by 99%
- Architected data quality management system that resolved integrity issues across 12,300+ records
- Built GenAI document processing systems with custom PDF annotation tool for training data collection

Management Analyst

Sep 2019 – Jul 2023

- Directed data analysis, executive presentations, and C-suite reporting; appointed Board secretary
- Decreased technical quotation processing time by 92% by engineering SQL database lookup solutions
- Drove PMO projects: [e-commerce platform \(sawab.app\)](http://e-commerce platform (sawab.app)), ERP system, and new facility construction

Sales & Marketing Analyst

Sep 2017 – Aug 2019

- Built data pipelines and governance procedures ensuring quality metrics for executive dashboards
- Conducted feasibility studies for expansion opportunities, including new manufacturing facilities

Nescom – *Jubail, Saudi Arabia*

Jul 2014 – Aug 2017

Analyst

Jul 2014 – Aug 2017

- Conducted risk-based financial analysis and feasibility studies for business units and investments
- Successfully crafted indoor vertical farming proposal approved by the Saudi Investment Bank

PROJECTS

- [AI-Based Youtube Video Quality Prediction](#): Engineered data pipeline processing 1.4B+ records to train Random Forest classifier achieving 82% accuracy and 80% F1 score. Implemented NLP techniques on scraped comments to categorize videos as positive/neutral/negative
- [Cross-Platform Sentiment Analysis](#): Analyzed 3B+ data points across Amazon, Reddit, and Twitter to identify platform-specific sentiment patterns and key influential features, revealing cross-platform trends.
- [NLP Text Complexity Classifier](#): Developed feature engineering pipeline using KMeans clustering, topic modeling, and transformer architecture for sentence complexity classification. Achieved 77.6% accuracy and 2nd place ranking in University of Michigan Kaggle competition
- [Open Assistant](#): Built scalable data collection pipelines and ETL scripts for one of the first major open-source LLM projects, enhancing training data quality and processing efficiency

EDUCATION

University of Michigan – *Ann Arbor, Michigan, USA*

Master of Applied Data Science (4.0 GPA)

Brock University – *St. Catharines, Ontario, Canada*

Bachelor of Arts (Honours)

SKILLS

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