

Tareq Aghabi

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PROFILE

Senior Data Analytics Manager and Industrial Engineer with over 7 years of experience in Advanced Data Analysis, Automation & AI, Development & Modeling, Visualization, Supply Chain Operations, Retail & Distribution, Real Estate, proficient in SQL, LookML, BigQuery, PowerBI, Tableau, Python, R, VBA and Excel. Canadian and Jordanian citizen, native in English and Arabic.

EDUCATION

Georgia Tech University, School of Computational Science and Engineering
Master of Science in Analytics (MSc) | GPA: 3.88

Atlanta, GA
December 2024

- Relevant Coursework: Data Science in Business, Machine Learning, ETL, Analytics Modeling, Web Development

Concordia University, School of Engineering and Computer Science
Bachelor of Science in Industrial Engineering (BEng)

Montréal, QC
May 2018

- Relevant Coursework: Operations Research, Stochastic Models, Simulation, Calculus, Probability & Statistics

PROFESSIONAL EXPERIENCE

Al Futtain Group – *Largest automotive, real estate & retail conglomerate in the UAE*

Dubai, UAE

Senior Data Analytics Manager – Acting Head of Data & Analytics – Real Estate Management

March 2024 – Present

- Assumed full responsibilities of the Head of Data and Analytics, leading a team of 3 analytics managers to drive executive-level reporting, prescriptive analytics, and strategic recommendations for the President of Real Estate. Managed a diverse real estate portfolio spanning over 3,500 employees across MENA, Asia, and Africa.
- Led quarterly manpower forecasting and annual budgeting exercises, utilizing SQL database management and Power BI to model headcount and manpower costs. Identified variances and provided strategic recommendations that improved financial planning and reduced manpower costs by 15%.
- Presented high-impact, actionable insights that directly influenced executive decision-making. Effectively communicated strategies aligned with business objectives and growth initiatives.
- Automated data integration and aggregation from multiple sources, including SAP, PeopleHub, and HR Census databases, resulting in an 80% reduction in manual data entry and a 40% increase in data processing speed. Implemented SQL-based ETL processes to manage and consolidate large datasets, ensuring timely and accurate reporting and governance across the division.
- Spearheaded the design and development of over 15 advanced dashboards in Power BI and Tableau, with over 50 active users. Key dashboards included Workforce & Manpower Planning, Emiratization Tracker, and Recruitment Tracker, improving operational efficiency by 30% and providing critical visibility into business operations and HR KPIs, including attrition rate, retention rate, employee productivity, gender diversity, and employee satisfaction.

Chalhoub Group – *Largest luxury goods retailer and distributor in MENA*

Dubai, UAE

Senior Data Analyst/Manager - Supply Chain & Analytics Central Team – Management

January 2022 – March 2024

- Worked alongside the Chief Demand & Supply Planning Officer and Chief Operating Officer as part of the Central Supply Chain Operations Management and drove the Group's upstream and downstream strategic direction by establishing executive, management, and operational reporting and prescriptive analysis on 15 global retail & distribution entities of over 1300 brands.
- Directed and guided a team of 6 Supply Chain Data Analysts on database modeling and developing over 100 KPIs and Looker BI dashboards with over 150 active users used by executive-level management to periodically track sales, stock, coverage, service levels, fulfillment rate, weekly trade, warehouse lead time, vendor & supplier performance, returns and e-comm supply chain. Improving standardized visibility by 100% and delivering actionable insights to key stakeholders company-wide.
- Engineered, simulated, automated, and merged 100TB of data using Google BigQuery, SQL, and Looker, creating descriptive, diagnostic, predictive, and prescriptive analytics on an item, market, department, vendor, and brand level, such as Root Cause Analysis on on-shelf availability, upstream & downstream fill rate and coverage statistical analysis.
- Governed Supply Chain KPIs and Dashboards as a data steward, authorizing over 350 GitHub LookML data merges from the Supply Chain Data Analyst community, maintaining supply chain data governance to 100%.
- Optimized query performance by developing LookML derived and aggregate tables, decreasing query cost by 55TB, increasing dashboard speed, and improving user experience.
- Designed and hosted 5 offsites for supply chain leaders and senior management on KPI alignment, and facilitated a dashboard-building competition in which I built the highest-ranking dashboard with a performance score of over 100%.

Goodfood Market Corporation – *Canada-wide online grocery delivery*

Montréal, QC

Senior Operations Data Analyst – Big Data Analytics & Supply Chain Operations

May 2020 – January 2022

- Promoted to Senior Operations Analyst within eight months for exceeding goals and supporting company culture.
- Automated customer order data pull schedules from Looker into Google Sheets to develop an interfacility inventory replenishment analysis model using JavaScript, improving item replenishment availability and visibility by 50%.
- Developed over 15 automated analysis tools and dashboards for logging short ship data, managing labor cost, and tracking shipping carrier progress, providing daily item management decisions to senior directors and executives.

United Parcel Service (UPS) – *Global shipping & logistics*

Montréal, QC

Industrial Engineering Specialist – Route Optimization Engineering Project Team

April 2018 – May 2020

- Utilized proprietary mapping and optimization software to plot and schedule delivery route information for over 70 training and verification rides on deployed driver groups, decreasing route delivery mileage by 15%.
- Optimized and scheduled over 1800 driver and helper meetups in all regions of Montréal and Laval using UPS logistics software, resulting in an increase of 70 stops per package car during peak season.

CERTIFICATIONS

International Federation of Purchasing and Supply Management IFPSM,
Certified Advanced Supply Chain Professional (CASP)

Dubai, UAE
November 2022

- Relevant Coursework: Cost Analysis, Planning, Forecasting, Sourcing, Warehousing, Inventory Management, Logistics