Tareq Aghabi

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PROFILE

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

EDUCATION

Georgia Tech University, School of Computational Science and Engineering   Atlanta, GA
Master of Science in Analytics (MSc) | GPA: 3.8   December 2024
- Relevant Coursework: Data Science in Business, Machine Learning, ETL, Analytics Modeling, Web Development

Concordia University, School of Engineering and Computer Science   Montréal, QC
Bachelor of Science in Industrial Engineering (BEng)   May 2019
- Relevant Coursework: Operations Research, Stochastic Models, Simulation, Calculus, Probability & Statistics

PROFESSIONAL EXPERIENCE

Chalhoub Group – *Largest luxury goods retailer and distributor in MENA*   Dubai, UAE
Senior Data Analyst Manager - Supply Chain & Analytics Central Team – Management   January 2022 – Present
- 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 fifteen global retail and distribution business entities of over 1300 unique brands.
- Directed and managed a team of 6 Supply Chain Data Analysts on database modeling and developing over 100 KPIs and Looker BI dashboards 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.
- Organized and hosted 5 offsites for supply chain leaders and senior management on KPI alignment, and organized 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
Operations Data Analyst – Big Data Analytics & Supply Chain Operations   May 2020 – January 2022
- Promoted to Operations Analyst within eight months for exceeding goals and supporting company culture.
- Configured the weekly system changeover for over 1500 new SKU items in the Goodfood E-commerce backend database and ERP warehouse management system, determining multi-facility SKU picking & storage locations and inventory replenishment triggers based on analysis of order volume projections and operations cost analysis.
- 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%.
- Strategically assigned over 3000 multi-facility SKU storage and picked location data into the Goodfood E-commerce backend database and ERP warehouse management system using Microsoft SQL Server Studio queries.
- Created over 15 automated analysis tools and visualization 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%.
- Extracted and manipulated route-specific statistics stored in UPS proprietary databases using Excel Visual Basic to generate over 25 technical reports, providing corporate-wide visibility to overall project deployment progress.
- 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.
- Created a Master Operating Plan for the Data Acquisition department documenting the data collection and transformation methods for package processing at UPS, standardizing data processing operations and decreasing errors by 25%.

CERTIFICATIONS

Georgia Tech University, Scheller College of Business**,**   Atlanta, GA
Lean Six Sigma Green Belt Certification (PCert)   April 2024
- Relevant Coursework: Lean, Six Sigma, Project Management, Process Improvement, Quality Control, Risk Analysis

International Federation of Purchasing and Supply Management IFPSM,   Dubai, UAE
Certified Advanced Supply Chain Professional (CASP)   November 2022
- Relevant Coursework: Cost Analysis, Planning, Forecasting, Sourcing, Warehousing, Inventory Management, Logistics

Harvard University, School of Engineering and Applied Sciences   HarvardX
Professional Certificate in Data Science (PCert)   February 2021
- Relevant Coursework: SQL, Python, R, Visualization, Probability, Wrangling, Regression, Machine Learning & AI