Tareq Aghabi

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PROFILE

Data Analyst and Industrial Engineer with 3+ years of experience in Tech Logistics, E-commerce, and Digital Operations, proficient in SQL, Python, R, Looker, Tableau, ERP Dynamics 365, Google Apps Scripts, Excel, HTML, and CSS.

EDUCATION

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

Amman Baccalaureate School, Applied Sciences   Amman, JOD
International Baccalaureate Diploma Program (IBDP)   May 2014
- Relevant Coursework: Computer Science, Mathematics

PROFESSIONAL EXPERIENCE

Goodfood Market Corporation   Montréal, QC
Operations Analyst   April 2021 – Present
- 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 pick locations and inventory replenishment triggers based on analysis of order volume projections and operations cost analysis.
- Automated and analyzed item order data pulls from Looker to develop an interfacility inventory replenishment model using Google Apps Scripts code, improving item replenishment availability by 50%.
- Debugged and strategically slotted over 3000 multi-facility SKU storage and picking locations data into the Goodfood E-commerce backend database using SQL queries.
- Created over 10 automated data analysis tools and visualization dashboards for logging short ship data, managing labor cost, and tracking shipping carrier progress, informing item management decisions to directors and senior managers.

Production Supervisor   August 2020 – April 2021
- Utilized Excel to implement data cross-validation for recipe batch production requirements on 600+ batches, which reduced total production errors by 95%.
- Wrangled multiple recipe production datasets stored in Google Data Studio using Excel pivot tables to remodel and visualize datasets to allow operations and senior management to track the location and status of recipe batch production.
- Actively supervised workflow, delegated strategy and trained production and inventory teams of over 25 associates to maintain operational efficiency, increasing overall pallet building productivity by 20%.

United Parcel Service   Montréal, QC
Industrial Engineering Specialist   April 2019 – May 2020
- Utilized UPS mapping and optimization software to plot and schedule delivery route information for over 70 training and verification rides on deployed driver groups, improving route delivery efficiency by 15%.
- Collected route-specific statistics stored in UPS proprietary databases using Excel Visual Basic to generate over 25 technical reports that provide corporate-wide visibility to overall deployment progress.
- Created a Master Operating Plan (MOP) on the Data Acquisition department that documents iPFT Hub auditing and process improvement methods to be referenced for all future Data Acquisition standard operating procedures.

PROJECTS AND LEADERSHIP

Data Science Capstone   edX, Inc.
Cryptocurrency Forecast Capstone (HarvardX)   October 2020 – January 2021
- Utilized R to implement supervised machine learning techniques for time series forecasts and anomaly detection on structured data, which explained model variability by 99%.
- Web scraped and wrangled Bitcoin and Ethereum historical data stored in an online database to remodel and visualize price prediction forecasts using linear regression and root mean square error.
- Compiled results and wrote a business report detailing value proposition and strategy for cryptocurrency investors.

Lean Manufacturing Design   Montréal, QC
Industrial Engineering Capstone (Concordia University)   September 2018 – April 2019
- Collaborated with 4 executive team members to design and implement a solution proposal for a Metal Die Manufacturer.
  - Generated a user-friendly software interface using Excel Visual Basic to automate interdepartmental communication.
  - Utilized operations research on CPLEX to optimize the facility layout of 10 inefficient machine setups within the stamping department, reducing overall lead time and decrease material handling costs 15%.

Team Lead   Montréal, QC
ERP Simulation Competition (Concordia University)   May 2018 – June 2018
- Proactively led a team of 5 students as a production planner, marketing analyst and procurement officer in a final ERP simulation game competition between all class members.
- Received first place and reached sales figures of almost double to that of second place (First place winners).