

FARDIN ISLAM MAHIN

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PROFESSIONAL SUMMARY

Data Analyst with an Industrial & Production Engineering background. Proven ability to translate complex business problems into data-driven solutions, with hands-on experience in Supply Chain (SCM) data analysis at Chevron. Skilled in Python, SQL, Power BI, and machine learning to optimize processes, perform cost-benefit analysis, and deliver actionable insights.

TECHNICAL SKILLS

Core Analytics: Python (Pandas, NumPy, Scikit-learn), SQL (PostgreSQL), MS Excel (Advanced), Power BI

ML Concepts: K-Means Clustering, K-Nearest Neighbors (KNN), Support Vector Machine (SVM), RFM Analysis

Software: R, Minitab, SolidWorks, Google Workspace, Familiarity with ERP (Oracle JDE, SMART)

PROFESSIONAL EXPERIENCE

Supply Chain Management Intern

Chevron

Dhaka & Sylhet, Bangladesh

July 2025 – November 2025

- Performed **supply chain data analysis** by investigating and redesigning data recording systems, conducting warehouse cycle counts, and **reconciling over 100+ major material records** to improve consumption tracking.
- Conducted **cost-benefit analysis** for C&F contract renewals by analyzing rate revisions and **historical cost data** to evaluate financial impact and support negotiations.

Trainee, Industrial Attachment

KSRM

Chattogram, Bangladesh

February 2024 – March 2024

- Applied **statistical process control (SPC)** by capturing production data to **build and analyze control charts**, identifying and reporting process deviations to support quality assurance.

DATA ANALYTICS & ML PROJECTS

Pizza Sales Dashboard (PostgreSQL & Power BI)

Personal Project

[GitHub Link]

- Wrote SQL queries to analyze 2015 sales data; built an interactive Power BI dashboard to visualize KPIs (Total Revenue, Avg. Order Value) and identify trends in sales and popular categories.

Customer Segmentation (Python, Pandas, Scikit-learn)

Personal Project

[GitHub Link]

- Performed customer segmentation using RFM analysis and K-Means clustering. Processed data, determined optimal cluster count with the elbow method, and segmented customers into 'Gold', 'Silver', and 'General' groups.

Coffee Sales Dashboard (Microsoft Excel)

Personal Project

[GitHub Link]

- Cleaned and transformed a complex dataset; utilized XLOOKUP and INDEX(MATCH) for data population and created pivot tables to analyze sales. Built a final dashboard with slicers for filtering.

EDUCATION & CERTIFICATIONS

B.Sc. in Industrial & Production Engineering (IPE) (CGPA: 3.12/4.00)

Military Institute of Science and Technology (MIST)

Class of 2025

Dhaka, Bangladesh

Google Data Analytics Professional Certificate

Coursera, 2024

IBM Data Analyst Professional Certificate

Coursera, 2024

Data Analyst Certification

DataCamp, 2024

LEADERSHIP & COMMUNICATION

- **President, MIST Career Club (Spring 2024):** Led "EngiBiz," MIST's first inter-university business case competition, engaging 350+ participants.
- **Excel Instructor:** Conducted a 4-class **Microsoft Excel Data Analysis course** for 30+ students, teaching data cleaning, pivot tables, and visualization.