

# Md Showkat Hossain Jamil

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## Professional Summary and Key Skills

- Data Analytics professional with 4+ years of experience in data analysis, business intelligence, project management, sales, and supply chain management, delivering data-driven solutions to optimize business performance across diverse functions.
- **Programming languages and data tools:** Python, R, SQL, ETL, Tableau, Power BI, Microsoft Excel, Google Analytics
- **Database management:** Microsoft Visual Studio, MySQL, SSAS, SSIS, Oracle, PostgreSQL, Microsoft Azure
- **Machine learning & statistical analysis:** Exploratory data analysis (EDA) and hypotheses testing, predictive modeling, financial forecasting & business intelligence, statistical modeling and time series forecasting.
- **Business insights:** Data visualization and reporting, trend analysis, KPI optimization, and strategic decision-making.

## Education

**East Texas A&M University**, Commerce, Texas

Master of Science in Business Analytics (STEM, GPA: 4.0/4.0)

Jan 2023 – Dec 2024

**Chittagong University of Engineering & Technology**, Chittagong, Bangladesh

Bachelor of Science in Electrical and Electronic Engineering (GPA: 3.05/4.0)

Mar 2014 – Jan 2019

## Professional Experience

**Affordable wireless LLC**, Houston, Texas

Feb 2025-

**Sales Analyst**

- Built sales demand forecast using predictive model and time series analysis, integrated trends into inventory planning while managing databases, improving forecasting accuracy by 16% and quarterly sales by 21%.

**East Texas A&M University**, Commerce, Texas

**Graduate Assistant / Data Analyst** - Department of Marketing and Business Analytics

Jan 2024 - Dec 2024

**Projects**

### 1. AI Dynamic Pricing model – Kpop Dance Company

- Leveraged Excel, Python, MySQL, SSIS and Microsoft office to analyze demand and financial trends across different time slots and customer demographics based on sales datasets, identifying fast-paced market trends.
- Developed ETL pipelines using SSIS to create and populate a MySQL database in SQL Server. Utilized SQL query and statistics to retrieve, clean, and prepare detailed data for analysis, ensuring accuracy and model development.
- Conducted Exploratory Data Analysis (EDA) and implemented multilinear, ridge, lasso, and elastic net regressions, followed by XGboost predictive model to predict demand and optimize pricing strategies, achieving a 92% accuracy.
- Collaborated with cross functional teams to design Power BI dashboards for comprehensive insights and strategic solutions, projecting a 15% revenue growth from FY24 to FY25 through the model deployment.

### 2. Predicting Connecticut Real Estate and Housing Prices with AI

- Built a relational database through ETL process using Microsoft visual studio, performed EDA, and implemented machine learning models, achieving 89% accuracy of price predictions.

**Unilever**, Chittagong, Bangladesh

A \$141B UK based multinational consumer goods company specializing in personal care, food, and beverages.

**Assistant Manager** - Soaps

Jun 2022 – Oct 2022

- Integrated a 3P manufacturing facility into own facility, reducing 3% NMSCC cost and improving GM by 0.045%.
- Supported manufacturing reporting by implementing process improvements, conducting trend analysis, and developing predictive models to forecast demand and optimize material planning.
- Collaborated cross-functionally on production data communication and visualization for performance updates.

**Production Shift Executive** – Personal Products

Mar 2021 – May 2022

- Overseeing the overall manufacturing facility of the PP department improving production efficiency by 2.2%.
- Implemented data-driven process improvements resulting in a reduction of packaging material wastage by 87.3%.

**Graduate Engineering Trainee** – Supply Chain Function

Oct 2019 – Feb 2021

- Supported cost reporting and project updates through data synthesis and visual summaries for leadership by creating internal dashboards to communicate progress and impact metrics during commissioning projects.
- Led a data-driven Industry 4.0 initiative that resulted in a 0.8% reduction in NMSCC costs through automation and operational optimization.

## Certifications

- Microsoft Azure Data Fundamentals
- Google Data Analytics Professional Certification