

MAHMUDUR RAHMAN MISSION

Data Analyst • Houston, TX (Open to Relocation)

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SUMMARY

Data Analyst with 3+ years building SQL dashboards, BI reports, and KPI systems that cut operational errors by 60% and recurring incidents by 35%. Skilled in Tableau, Power BI, Python (Pandas, NumPy), MySQL, and Excel. MS in Management Information Systems (GPA 4.0, Lamar University, May 2026). Published researcher with 26 citations. Fluent in 5 languages.

CORE SKILLS

Analytics & BI: SQL (MySQL), Python (Pandas, NumPy, NLTK), Tableau, Power BI, Google Charts, Dashboard Development, KPI Design, Statistical Analysis, A/B Testing

Spreadsheets & Methods: Excel (PivotTables, XLOOKUP, VBA), Financial Analysis, Data Modeling, Root Cause Analysis, Data Cleaning, Process Improvement, ETL

Tools: MySQL, Laravel/PHP, Git, Google Workspace, Microsoft Office, Minitab

PROFESSIONAL EXPERIENCE

Data & Project Management Intern | **FASTSIGNS** | Nederland, TX Jan 2026 – Present

- Built Tableau and Google Charts dashboards tracking project timelines, resource allocation, and sales metrics across 10+ concurrent projects, reducing reporting turnaround by 20%.
- Conducted Excel financial analysis (PivotTables, XLOOKUP) to identify cost variances and support budget planning; standardized reporting templates across departments.
- Collaborated with cross-functional teams to streamline data collection workflows, improving reporting accuracy and stakeholder communication.

Senior Data Analyst | **Moiz IT** | Chattogram, Bangladesh Jul 2019 – Sep 2021

Promoted from Data Analyst (Jul 2019 – Dec 2019) to Senior Data Analyst (Jan 2020 – Sep 2021)

- Engineered SQL-driven dashboards monitoring KPIs across business units, reducing operational errors by 60% through root cause analysis and automated data validation.
- Identified systemic data quality issues and implemented automated validation, cutting recurring incidents by 35% and strengthening data pipeline reliability.
- Delivered weekly/monthly analytical reports to senior management; mentored 3 junior analysts on SQL, visualization standards, and reporting best practices.

Interpreter & Data Coordinator | **EU Agency for Asylum (EUAA)** | Romania Apr 2023 – Aug 2024

- Coordinated multilingual case data entry and validation across internal systems, maintaining accuracy for 100+ asylum case records in a cross-cultural environment.

Data Analyst | **Proyash IT** | Chattogram, Bangladesh Aug 2018 – Jun 2019

- Performed ETL tasks using SQL and Excel; built reporting templates that reduced manual data compilation and ensured cross-department consistency.

EDUCATION

MS in Management Information Systems | Lamar University, Beaumont TX GPA: 4.00 | Aug 2024 - May 2026

BSc in Computer Science & Engineering | Port City International University, Bangladesh GPA: 3.76 | Jan 2017 - Dec 2020

Romanian Language Certificate (A1–B2) | Government Scholarship Program | Babes Bolyai University, Romania Grade: 7/10 | Oct 2021 - Jun 2022

PROJECTS & PUBLICATIONS

Predictive Salary Modeling in Data Professions (Minitab, Regression Analysis): Applied full, log/sqrt transformation, and stepwise / forward / backward selection models across 930 observations. Final model $R^2 = 70.99\%$. • [Report](#)

Online Photography Reservation System (MySQL, Laravel, PHP): Designed normalized DB schema and full-stack reservation platform with role-based access and analytics reporting. • [Report](#)

Bangla NLP Lemmatization Tool (Python, NLTK, 76.58% accuracy): Rule-based lemmatization for Bengali language; published as peer-reviewed paper. • [Report](#)

Peer-Reviewed Publications: IoT Cybersecurity (2022, 22 citations); Engineering Database Security (2025, 4 citations) • [Google Scholar](#)