

# MD MIJANUL HAQUE

## DATA ANALYST | DATA SCIENTIST | DATA ENGINEER (JUNIOR / INTERN)

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### PROFILE

Postgraduate-trained Enterprise Data Science & Analytics professional at NOVA IMS - University of Lisbon with an engineering background and hands-on experience in Python, SQL, Power BI, and scalable data pipelines. Experienced working with real datasets, dashboards, and performance metrics in academic and operational environments. Seeking internship or junior roles where I can contribute to analytics, modeling, and data engineering while continuing to grow professionally.

### PROFESSIONAL EXPERIENCE

**Dear Lisbon Houses, Operations & Front Desk Associate** 12/2022 – Present | Portugal

- Managed billing, payments, and operational records.
- Performed basic financial reporting and data tracking.

**VOI Technology (HQ), Production Leader & Vehicle Operations Specialist** 02/2019 – 12/2020 | Sweden

- Worked with operational datasets, KPIs, and performance reporting.
- Supported process optimization in a fast-paced, data-driven environment.
- Collaborated cross-functionally to improve operational efficiency.

### EDUCATION

**Postgraduate Program in Enterprise Data Science & Analytics,** NOVA IMS - University of Lisbon Ongoing

**MSc Electronics / Telecommunications,** University of Gävle Sweden  
(28.5 ECTS completed)

**BSc Electrical & Electronic Engineering,** Independent University Bangladesh (IUB)

### CORE SKILLS

**Programming & Data:** Python, SQL (PostgreSQL, MySQL, T-SQL), R

**Analytics & BI:** Power BI, Excel, Plotly, Tableau, Looker Studio

**Data Engineering:** ETL pipelines, DuckDB, SQL Server, Data Modeling (Star / Galaxy Schema), Query Optimization

**Machine Learning:** Regression, Classification, Clustering, Data Preprocessing

**Big Data / Cloud (Foundations):** Apache Spark, Hadoop Ecosystem, Databricks, AWS Fundamentals

### PROJECT EXPERIENCE

**Public Spending & Policy Impact Analysis (Portugal 2018-2025), Python, SQL, Plotly**

- Built automated pipelines to analyze Portuguese government contracts.
- Identified spending trends and impacts of COVID-19 and geopolitical events.
- Delivered interactive dashboards for data-driven insights.

**High-Performance MovieLens Analytics Engine, DuckDB, SQL**

- Processed and analyzed 25M+ ratings using optimized analytical SQL.
- Designed end-to-end workflows from raw data to insights.
- Focused on performance tuning and scalable analytics.

**Business Intelligence Solution - Energy Consumption (E-REDES), Power BI**

- Designed Galaxy Schema semantic model integrating energy and weather data.
- Built dashboards for trend analysis, Pareto insights, and forecasting.
- Supported grid capacity planning through predictive analytics.

**SQL Server Auction System for Business Strategy, T-SQL**

- Developed automated auction module for inventory optimization.
- Performed market analysis to support executive expansion decisions.

### CERTIFICATIONS & LEARNING

- Machine Learning with Python - Eshikhon (Hands-on)
- SAP Analytics Cloud - Learning Journey (In Progress)
- AWS Cloud Practitioner - Planned

### ADDITIONAL

**Contributor:** to "Economics, Management, and Professional Ethics" by Shahriar Khan

**Languages:** English (Fluent), Bangla (Native), Swedish (Basic), Portuguese (Basic)