

MD IKRAM TAREQ

Data Analytics | Business Intelligence | Data Engineering

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PROFESSIONAL SUMMARY

MSc Data Science candidate at FAU Erlangen-Nürnberg (expected Sep 2027) with 1.5 years of banking experience in Alternative Delivery Services at IFIC Bank. Experienced in analyzing ATM profitability, POS terminal performance, and debit-card data using Excel and Python, with academic project experience in SQL/SQLite, Power BI, DAX, ETL, and API-based data acquisition. Seeking HiWi, working-student, or internship opportunities in Data Analytics, Business Intelligence, or Data Engineering in Germany.

PROFESSIONAL EXPERIENCE

IFIC Bank Limited - Assistant Officer, Alternative Delivery Services Jan 2022 - May 2023
Dhaka, Bangladesh

- Analyzed ATM profitability and operational performance to support monitoring of the bank's ATM network.
- Evaluated POS terminal and transaction data to identify activity and performance trends across digital payment channels.
- Analyzed debit-card usage and performance data and prepared recurring operational reports for the Alternative Delivery Services team.
- Used Microsoft Excel and Python for data analysis and reporting; prepared management reports and presentations in Excel, PowerPoint, and Word.
- Collaborated with team members to communicate findings and support operational decision-making.

EDUCATION

Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU) Oct 2023 - Expected Sep 2027
MSc Data Science | Erlangen, Germany | Coursework completed; master's thesis remaining

American International University-Bangladesh Mar 2016 - Oct 2021
BSc Computer Science and Engineering | Dhaka, Bangladesh

SELECTED PROJECTS

QDArchive Seeding & Classification Pipeline - FAU 2026
Python | SQLite | Dataverse API | OAI-PMH | TF-IDF

- Developed an automated Python workflow to acquire, organize, classify, and report qualitative research datasets from QDR and CESSDA.
- Designed a normalized SQLite database for project/file metadata and processing outcomes; processed 62 projects and recorded 4,087 files.
- Implemented project-type and ISIC Rev. 5 classification workflows and validated the database with 10 checks passed, 0 warnings, and 0 errors.

Road Safety Data Visualization - Bavaria, Germany Jan 2026 - Mar 2026
Power BI | DAX | Power Query

- Built an interactive Power BI dashboard to analyze accident and casualty trends by vehicle type, road type, lighting conditions, and urban/rural location.
- Cleaned and transformed accident data with Power Query and created DAX measures for casualty and accident metrics.
- Improved the data model and report structure and presented findings through clear dashboard-driven summaries.

TECHNICAL SKILLS

Analytics & BI: Power BI, DAX, Power Query, Microsoft Excel, Data Visualization

Programming & Data: Python, Pandas, NumPy, SQL, SQLite

Data Engineering: ETL, Data Cleaning, Data Modeling, API Data Acquisition

Tools: Git, GitHub, Jupyter Notebook, Microsoft Word, PowerPoint

LANGUAGES & CERTIFICATIONS

Languages: English (C1) | German (A2)

Certifications: SQL for Data Science | Python Basics | Managing Machine Learning Projects with Google Cloud