

RAFSAN AL MAMUN

Independent Data Analyst

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SUMMARY

A team-centered and proactive independent Data Analyst with extensive expertise in descriptive analytics and applied ML, leveraging the power of modern tools to derive meaningful insights from raw data and present them to non-technical personnel. Have vast experience in managing complex projects, winning numerous accolades over the years. A fast and eager learner, looking for a position for tackling real-world problems and continued growth.

EXPERIENCE

Independent Data Analyst

04/2021 - Present github.com/Rafs7238/Data-Analysis_Data-Science_Projects

- Built data-based projects, with cleaning and mining in Excel and SQL, statistical analysis in SQL and Python, and visualisation in Python and Tableau, keeping in line with predefined goals and KPIs
- Developed ML models with high predictive power, tested across various metrics

Student Tutor (ST)

BRAC University 06/2021 - 05/2022 Dhaka, Bangladesh

One of the leading and prestigious higher educational institutions in Bangladesh

- Taught the fundamentals of programming and Computer Science to 100+ freshers
- Enhanced student performance by 10%+ compared to previous academic results
- Co-arranged intra-batch contest to foster learning and encourage programming, leading to a 25% increase in student participation on coding platforms

Project Lead and Manager

Care2U 05/2020 - 01/2021 Dhaka, Bangladesh

PPE donation platform for healthcare workers during the shortage through COVID-19

- Lead and managed a team of 3 in the design and development of the platform
- Self-taught basic HTML and CSS, and incorporated Agile practices, cutting development time by 40%
- Reached >500 donations, partnering with the local government

EDUCATION

Master of Data Science

The University of Melbourne

02/2023 - Present Victoria, Australia

Bachelor of Science in Computer Science and Engineering

BRAC University

05/2018 - 06/2022 Dhaka, Bangladesh

CGPA 3.99 / 4.0

- VC's List and Merit Scholarship for outstanding results
- Member of IEEE BracU Computer Society and Robotics Club of BRAC University

PERSONAL PROJECTS

IT Planned Vs. Actual Expenditure Analysis Dashboard (Excel)

bit.ly/3ltzdaC

- A dashboard for an international IT firm to monitor their expenditures against a planned budget, for better business management through reviewing financial progress and making regular course corrections.

Business Optimisation Analysis of Chinook Digital Music Store (SQL)

bit.ly/3EF78Mt

- Data mining in SQL to identify areas for improvement by finding profitable genres, marketing campaigns for least profitable states, better purchasing strategy, effective customer reward system etc.

Predicting Customer Churn in Telecom Industry with ML (Python)

bit.ly/3EFPKHx

- Performed EDA to learn hidden patterns and built an RF model with 0.75 accuracy and 0.78 recall in predicting customer churn, along with suggestions to reduce it.

Bank Customer Segmentation Across Various UK Regions (Tableau)

bit.ly/3Z6G6Wk

- Segregated customer distribution along various factors to aid the bank in focusing their marketing efforts for a niche in different regions, presenting through a storyline.

More projects on LinkedIn and portfolio website with GitHub links

SKILLS

Tech Stack

MS Excel

Python

MS SQL Server

Tableau

Google Analytics (Basic)

Google Data Studio

Git/GitHub

scikit-learn

Tensorflow

Data Analysis Essentials

Data Cleaning

Data Mining

Applied ML

Statistical Analysis

Data Visualisation

Digital Analytics (Basic)

A/B Testing

Other Skills

Communications

Presentation

Leadership

Teamwork

Critical Thinking

Problem Solving

Project Management

STRENGTHS

📖 Active and Fast Learning

Never-ending learning and always exploring new possibilities to improve, with the ability to pick up new skills blazing fast to build repertoire.

🔥 Persistence and Grit

Never-giving-up mindset with the mentality to work overtime to produce desired results and reach pre-set goals.

🤹 Deft Juggler

Skilled at adroitly balancing academics and personal projects of competing priorities under tight schedule.

👑 Earning Trust of Others

Had the honour of leading teams in impactful projects, creating beautiful pieces together, and known for quick decision making ability to recover from last-minute mishaps.

AWARDS | ACHIEVEMENTS

💎 Best Presentation Award: ICSSC 2020 Paris

Awarded for a research paper presented at an international conference out of 50+ submissions

💎 2nd Runner-Up: CCUC 2020

National award for the idea creation of Care2U among 80+ submissions during COVID-19

💎 Class Valedictorian: Scholastica 2017

Best student of the high school graduating batch