

# Sabah Mahjabeen Sarwar

Belfast, UK  
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Data Analyst

GitHub: SabahSarwar  
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## PERSONAL PROFILE

Currently pursuing data analytics studies at Queens University, adept in Python, R, and SQL for in-depth data analysis and interpretation. Proficient in utilizing various statistical and analytical tools to interpret complex data sets, driving informed business decisions. Previous experience as an Assistant Director (Electrical) at Bangladesh University of Professionals, showcasing effective communication and collaboration with diverse stakeholders. Throughout this professional journey, has consistently demonstrated a resilient and determined attitude, showcasing a positive demeanor while adeptly meeting targets.

## EDUCATION

Degree	Institution	Major	Duration
Msc	Queen's University Belfast	Data Analytics	2023-2024
BSc(Eng)	Shahjalal University of Science and Technology (SUST)	Electrical and Electronics Engineering	2012-2017

## SKILLS

**Programming Languages:** R, Python  
**Database Systems:** MySQL  
**ML Tools & Frameworks:** Tensorflow, Keras, Numpy, Pandas, Scikit-learn  
**Data Visualization:** Matplotlib, Tidyverse, Power BI  
**MS Office :** MS Excel, MS Power Point, MSWord ,Visual Basic  
**GIS Packages:** ARC GIS

## ONLINE COURSES

- Intermediate Python, Data Manipulation with Pandas, Exploring And Analyzing Data in Python - Data Camp [Link](#)
- Intermediate SQL, Joining Data in SQL- Data Camp [Link](#)
- Intermediate R, Exploratory Data Analysis in R, iNtRODUCTION TO Tidyverse - Data Camp [Link](#)
- Data Modeling in Power BI, Data Visualisation in Power BI -Data Camp

## WORK INTEREST AREA

*Machine Learning and Predictive Analytics, Business Intelligence and Reporting, Time Series Analysis*

## PROFESSIONAL EXPERIENCE

APRIL 2021 – PRESENT

**Assistant Director (Electrical) / Bangladesh University of Professionals, Dhaka, Bangladesh** Dec 2017 – August, 2023

- 4 years of successful team lead experience. demonstrating exceptional leadership, influencing, and relationship-building skills, fostering cohesive collaboration within diverse teams.
- Develop precise electrical drawings using industry-standard software.
- Lead diverse electrical projects (e.g., generators, lifts, solar installations) from inception to completion.
- Effectively manage project budgets, ensuring resource optimization.
- Conduct routine maintenance, troubleshoot issues, and implement preventive measures. Possess strong project management skills with a focus on timely delivery.
- Efficiently managed stakeholders and diverse team, fostering clear communication and positive relationships.

**Assistant Junior Merchandiser /Sainsbury's Supermarket Ltd., Belfast, United Kingdom** October 2023 – Present

- Assist in the execution of merchandising strategies in line with company objectives and market trends.
- Prepared and maintained reports on sales performance, inventory turnover, and product profitability.
- Collaborated with suppliers and vendors to ensure timely delivery and quality control of merchandise.

## PERSONAL PROJECTS

- House Pricing with Advanced Regression Analysis
- Clustering for Effective Marketing Strategy
- Building a Movie Recommendation System

## PUBLICATIONS

1. Sabah Mahjabeen Sarwar; Md Fahim F Chowdhury; Himadry Shekhar Das "A Dual Band Shark Fin Integrated Vehicle Antenna For 5G and Wi-Max Applications" in 2019 IEEE International Conference on Telecommunications and Photonics (ICTP), DOI: 10.1109/ICTP48844.2019.9041812. [Link](#)

## EXTRA-CURRICULAR ACTIVITIES & AWARDS

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- Former President of the Undergraduate Debating Society, demonstrating leadership and organizational abilities. Accomplished debater with honed critical analysis, research, and communication skills from evaluating arguments and presenting ideas effectively
- Champion at the JUDO National Women's Debate Championship 2013
- Runner-up at the PUDDS National Debate Championship.
- Runner-up in Inter Department Badminton Tournament

## REFERENCES

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**Dr Felicity Lamrock**  
*Lecturer and Programme Director of  
Data Analytics*  
Queen's University Belfast  
✉ [f.lamrock@qub.ac.uk](mailto:f.lamrock@qub.ac.uk)

**Katie Nesson**  
*Manager, Kennedy Centre, Belfast  
Sainsbury's Super Market Ltd.*  
✉ [Katie.Neeson@sainsburys.co.uk](mailto:Katie.Neeson@sainsburys.co.uk)