

# Md Ahsanul Islam

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## EDUCATION

University of Chittagong, Chattogram, Bangladesh

Present

**Master of Science in Statistics**

*Thesis: Comparative Study of Deep Learning and Statistical Models in Time Series Forecasting: Applications in Weather Variables*

*National Science & Technology Fellowship 2024-2025, Bangladesh*

University of Chittagong, Chattogram, Bangladesh

December 2023

**Bachelor of Science in Statistics**

CGPA: 3.76/4.00

*Merit position: 2nd*

## RELATED EXPERIENCE

University of Chittagong, Department of Statistics, Chattogram, Bangladesh

May 2021 – August 2022

**Research Assistant**

- Worked on three research projects:
  - Preference Elicitation of COVID-19 Vaccines in Bangladesh: A Discrete Choice Experiment Approach. (On review) under the supervision of Professor Afroza Begum.
  - Depression, anxiety and stress among people infected with COVID-19 in Dhaka and Chittagong cities under the supervision of Professor Salim Zahangir, PhD.
  - COVID-19 in Bangladesh and its impact on lower-income people of Chattogram District under the supervision of Professor Rokonzaman Azad.
- Contributed to literature review, explanatory data analysis and fitting a statistical model.
- Maintained regular communication with the principal investigator, providing updates on incoming data and progress of the projects.

Luminaries Research Limited, Gulshan 1, Dhaka, Bangladesh

September 2023 – February 2024

**Executive at Analysis Division**

- Analysing longitudinal retail data for different KPIs and have regular communication with other teams.
- Automating analysis and reporting tasks with a range of tools including Power Query, VBA, R, and SPSS.
- Developing data collection survey forms in KoBoToolbox.
- Developed an R package for the reporting and automation tasks.

## SKILLS

Programming Languages	: R Programming, Python, SAS
Software	: SPSS, STATA, MS Office Tools, Google Suite
Other Technical Skills	: HTML, CSS
Soft Skills	: Team Management, Tutoring, Grading

## ACHIEVEMENTS

1st Position – Statistics Quiz Competition

June 2023

Annual Cultural and Academic Quiz Competition 2023, Department of Statistics, CU

1st Position – Statistics Quiz Competition

September 2022

Annual Cultural and Academic Quiz Competition 2022, Department of Statistics, CU

## VOLUNTEER & ORGANIZATION EXPERIENCE

Programming Club, Department of Statistics, University of Chittagong

September 2022 – December 2023

### ***President***

- Organized and facilitated programming workshops in Python.
- Arranged seminars on research projects and the use of programming languages in Statistics.
- Successfully coordinated two programming contests.

United Nations International Children's Emergency Fund

June 2021 – July 2021

### ***Volunteer***

Dhaka, Bangladesh

- Collaborated with local authorities, healthcare providers, and community leaders to raise awareness about vaccination campaigns.

## PROFESSIONAL AFFILIATIONS & ORGANIZATIONS

Bangladesh Statistical Association, Dhaka, Bangladesh

March 2024 – Present

### ***Member***

## PORTFOLIO LINKS

Personal website : <https://MdAhsanulHimel.github.io>

GitHub : <https://github.com/MdAhsanulHimel>

Kaggle : <https://www.kaggle.com/ahsanhimel>

Updated on 21 August 2024

By Md Ahsanul Islam