ABDULLAH AL MAHMUD

TEACHER — WRITER — DATA ANALYST

CONTACT

- ✉ almahmud.sbi@gmail.com
- ☎ +88 01 722 437040
- 📍 Mymensingh Girls' Cadet College, Mymensingh
- 🏢 Home District: Lakshmipur
- 🎂 01 August, 1993
- 🌐 thinkermahmud.com
- mahmudstat

🎓 EDUCATION

B.Sc. in Statistics, 2017
- *University of Dhaka*

CGPA: 3.31 (out of 4)

HSC, 2010
Udayan Uccha Madhyamik Bidyalaya

Result: 5.00 (out of 5)

SSC, 2008
Poura Shahid Smrity Academy

Result: 5.00 (out of 5)

👤 PROFILE

Bewitched by the thrill of statistical theories, number crunching, automation, and data analysis, I aspire and endeavor to work in an analytic position, where I would have the opportunity to deal with challenging data wrangling and analysis tasks.

💼 WORK EXPERIENCE

Present ↑ 2019

Lecturer in Statistics at Bangladesh Cadet College

Taught statistics and probability.

2019 ↑ 2019

Research Assistant at Engineers and Advisers Ltd. (EAL)

- Collected and analyzed data on past mega projects in Bangladesh.
- Quantitatively found prospects for future projects using statistical models.

2019 ↑ 2018

Content Developer at Statistical Research Consultants, Bangladesh (SRCBD)

Wrote and developed contents for teaching statistics and programming/software tools.

2019 ↑ 2016

Science Contributor at Bigganchinta, The Daily Prothom Alo

📖 PUBLICATION

- **2020** Mahmud, A, A . 2020. Testing of Compliance of Benford's Law with Disaster Death Tolls. Cadet College Journal.

SKILLS

- 📊 **Data Analysis:** R, Python, STATA, SPSS, SQL, GIS, EXCEL/Spreadsheet, Shell/Bash, Git

- ⑁ **Version Control:** Git, Github

- 📄 **Document Processing:** Quarto, Latex, Markdown, Office Suite, Mathjax

- 🌐 **Internet Skills:** Prompt Engineering/Vibe Coding, HTML, CSS, JS, Blogging, Web Development

- 💡 **Ability, Curiosity, & Interest to Learn New Things and Adapt**

CREATED PACKAGES

- 📦 **clockplot** (R Programming)

- 🧊 **convmoment** (R Programming)

- 🧩 **qdraw** (Javascript Plugin)

WEBSITES

- 🔗 **Bishwo.com** (On Astronomy)

- 🔗 **Statmania.info** (On Statistics and Data Science)

- 🔗 **Statmania Portal**

- 🔗 **Personal website**

LANGUAGES

Bangla (mother tongue)

100%

English

90%

- **2018** Mahmud, A, A and Rahman, M, M. Goodness of fit for uniform distribution: Benford's law method. National Conference on Applications of Statistics on Sustainable Development Goals, MBSTU-2018, 24 September 2018. ID: TS3-11, Tangail, Bangladesh.

🧪 SELECTED RESEARCH WORKS

- **2024** An Examination of Public Perceptions of Transgender Individuals in Bangladesh

  Collected data through interviews (both in-person and online forms) and analyzed to find insights.

- **2020** Social Media Trend of Youth Students, conducted by Move Foundation

  Collaborated with data collectors.
  Analyzed data to find relationships between various traits of youths.

- **2019** Feasibility Study: Dhaka-Chattogram High-speed Rail Project

- **2018** An Analysis of Land Sale Pattern in Dhaka

  Collected data from land owners over phone and in-person.
  Analyzed data to find anomalies and key insights.

- **2017** An Analysis of Induced Seismic Activities in Bangladesh

  Collected earthquake data in Bangladesh.
  Gathered data on the withdrawal of mineral resources in Bangladesh.
  Analyzed the association between these datasets.
  Projected geographic data on Bangladesh map using **R** programming language.

📖 PUBLISHED BOOKS

Available on Rokomari.com

- **2025** Zero: The Biography of a Dangerous Idea (Translation)

- **2022** The Man Who Counted (Translation)

- **2021** The Last Three Minutes (Translation)

- **2019** Mohabishwer Simana & Osim Somikoron

- **2017** A Briefer History of Time (Bengali Translation)

🤝 REFERENCES

Dr. Md. Jafar Ahmed Khan
Professor, Department of Statistics
University of Dhaka
✉ jafar@du.ac.bd
📞 +8801965350939

Dr. Wasimul Bari
Professor, Department of Statistics
University of Dhaka
✉ w bari@du.ac.bd
📞 +8801817522559