

HASNAIN AHMED ALVE

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EDUCATION

Master of Science (with Thesis) in Statistics

University of Dhaka

Ongoing

Estimated Completion: June 2025

Bachelor of Science (Hons.) in Statistics

University of Dhaka

Year 2022 (Exams held in 2023)

CGPA 3.87 out of 4.00

Higher Secondary Certificate (HSC)

Notre Dame College

Year 2018

GPA 5.00 out of 5.00

RESEARCH EXPERIENCES

1. Comparative Analysis of Independent and Spatially Correlated Random Effects Models: An Application to MICS Data

- MS Thesis
- Data: Simulated Data, Multiple Indicator Cluster Survey (MICS) 2019 – Bangladesh (Appli)
- Software: RStudio, and LaTeX

2. Exploring Socio-economic Factors Associated with Primary School Dropout in Bangladesh

- BS Hons. 4th Year Project
- Data: Multiple Indicator Cluster Survey (MICS) 2019 – Bangladesh
- Software: IBM SPSS Statistics, RStudio, and MS Word 2021

ENGLISH PROFICIENCY TEST

International English Language Testing System (IELTS) | Overall: 7.5

19th October, 2024

- Listening: 8.0; Reading: 8.0; Writing: 6.5; Speaking: 8.0

SKILLS

- **R, Python:** Data analysis, Automation
- **SPSS, Stata:** Data visualization, Statistical analysis
- **Microsoft Excel, MySQL:** Database handling, Inventory analysis
- **LaTeX, Microsoft Word, R-Markdown:** Documentation, Scientific reporting
- **Quarto, Microsoft PowerPoint:** Visualizing insights, Reporting results

STUDENT WORK EXPERIENCE

- **Vice President, Correlation (Statistics Community of University Hall):** Led initiatives, organized events, and fostered community engagement within the statistics discipline.
- **Freelance Statistical Programmer, StatClinix (2022 – Present):** Worked in a startup environment.
- **Tutor:** Tutored 20+ students during my academic journey, guiding them in statistics and mathematics.

ACHIEVEMENTS

- **Scholarships:** Awarded scholarships in PSC, JSC, and HSC exams.
- **NST Fellowship:** Received the National Science and Technology (NST) Fellowship for my MS thesis.
- **Winner** of Programming Competition: Organized by QMH Statistics Club, University of Dhaka
- **Winner** of Data Analysis Competition (World Statistics Day, 2020): Organized by QMH Statistics Club, University of Dhaka
- **1st Runner-Up** of Quiz Competition: Organized by QMH Statistics Club, University of Dhaka
- Anticipated to receive the **Dean's Award** in the upcoming convocation for outstanding academic performance in BS (Hons.).

EXTRACURRICULAR ACTIVITIES AND CERTIFICATIONS

- **Part of A World Record:** Contributed to “Lakho Konthe Shonar Bangla” world record event (Most people singing a national/regional anthem simultaneously) in 2014.
- **Basketball:** Participant in the Bir Sreshtho Jahangir Smriti Tournament: **Team Runner-up** and **Top Scorer** of the team.
- **Football:** Captain of Regression Roamers in Statistics Football Carnival Season 2: **Runner-Up**.
- **Acting:** Key role in a play at Dhaka Residential Model College's Cultural Festival: **1st Runner-Up**.
- **Wall Magazine Submission:** Participated in the Language Festival organized by Notre Dame English Club.
- **Playing Chess:** Enjoys strategic thinking and problem-solving, with a Chess.com ELO rating of 1500+.