



## Abdullah Al Mahmud

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**CONTACT INFORMATION** Dept. of Statistics, Pabna Cadet College Pabna, Bangladesh +880-1722-437040  
almahmud.sbi@gmail.com  
Website/Github/LinkedIn

**CAREER OBJECTIVE** I am currently bewitched by the thrill of number crunching and data analysis, especially in R. Interest in this domain, along with my teaching and writing experiences, which I continue doing prolifically, put me in high enthusiasm in building a career in data science.

### EDUCATION

#### M.S. in Statistics

- University of Dhaka (2018)
- CGPA: 2.71 (out of 4)

#### B.Sc. Statistics

- University of Dhaka (2012-2017)
- Project: *An Insight into Induced Seismicity in Bangladesh.*
- CGPA: 3.31 (out of 4)

#### Higher Secondary School Certificate

- Dhaka Board (July 2010)
- Udayan Higher Secondary School
- GPA: 5.00 (out of 5)

#### Secondary School Certificate

- Comilla Board (May 2008)
- Paura Shahid Smrity Academy
- GPA: 5.00 (out of 5)

#### Test Scores

- **GRE:** 309 (Quantitative: 160, Verbal: 149)
- **TOEFL:** 89 (Reading: 24, Listening: 21, Speaking: 21, Writing: 23)

### PROFESSIONAL EXPERIENCE

**Lecturer in Statistics** October 2019 - Present  
Pabna Cadet College /Pabna/ Bangladesh

**Research Assistant** September 2019 - October 2019  
Engineers and Advisors Ltd. (EAL) / Dhaka/ Bangladesh

**Content Developer** November 2017 - present  
Statistical Research Consultants, Bangladesh/ Dhaka/ Bangladesh

**Science Contributor** October 2016 - August 2019  
Bigganchinta, The Daily Prothom Alo/ Dhaka/ Bangladesh

**Associate Editor** March 2015 - August 2019  
Byapon science magazine/Dhaka/ Bangladesh

BOOKS	Translation of <b>A Briefer History of Time</b> Authored by Stephen Hawking and Leonard Mlodino	2017 Ekushey Book Fair
	<b>Mohabishwer Simana (Edge of the Universe)</b>	2019 Ekushey Book Fair
	<b>Osim Somikoron (The Infinite Equation)</b>	2019 Ekushey Book Fair
	Trnslation of <b>The Last Three Minutes</b> Authored by Paul Davies	2021 Ekushey Book Fair
TECHNICAL SKILLS	Programming Languages: Statistical Packages: Database: Geospatial Framework: Dopcument Processing: Internet Skills:	R, Bash, FORTRAN STATA, SPSS, TABLEAU, EXCEL SQL GIS (with R) MS Office, Libreoffice, Markdown, Latex MathJax, HTML, CSS, SVG, JS, Google Data Studio
CONFERENCE PAPERS	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	
JOURNAL	<ul style="list-style-type: none"> <li>• Mahmud, A, A . 2018. Testing of Compliance of Benford's Law with Disaster Death Tolls. Cadet College Journal.</li> </ul>	
PROFESSIONAL RESEARCH	<b>Feasibility Study</b> Dhaka-Chattogram High-speed Rail Project	November, 2018
	<b>Analysis</b> Social Media Trend of Youth Students,conducted by Move Foundation	January, 2019
	<b>Analysis Project</b> Anthropometric Analysis of Under-five Children in Bangladesh	February, 2019
OTHER RESEARCHES (UNPUBLISHED)	<ul style="list-style-type: none"> <li>• An insight into the concept and applictaions of negative probability.</li> <li>• Prediction of rainfall pattern in Bangladesh using Machine Learning algorithms.</li> </ul>	
MASSIVE OPEN ONLINE COURSES (MOOCS)	<b>Data Camp</b> Supervised Learning in R: Classification	June 2018
	<b>Coursera</b> (Johns Hopkins University) <b>The Data Scientist's Toolbox</b>	January 2018
	<b>Coursera</b> (Johns Hopkins University) <b>A Crash Course in Data Science</b>	February 2018
WEBSITES DEVELOPED	<b>Bishwo.com</b> A web portal specialziing in astronomy and other sciences.	March 2014
	<b>StatMania.info</b> A web portal specializing in statistics and data science.	November 2016
	<b>Portfolio website</b> Personal Website.	March 2018
	<b>Statistics Lectures</b> Academic lectures and resources on statistics and mathematics	December 2020

KAGGLE COMPETITIONS      **Titanic: Machine Learning from Disaster**      Accuracy: 76.55%  
   **Digit Recognizer**      Accuracy: 53%  
   **House Prices: Advanced Regression Techniques**      RMSE: 0.15940

EXTRA-CURRICULAR ACTIVITIES      

- Former Member at Dhaka University Science Society (DUSS), University of Dhaka.
- Writer at National Science Magazines, including BigganChinta.
- Regular Public lectures on Mathematics and Astronomy
- Contributing for Wikipedia

LANGUAGE SKILLS      Bengali:      Mother Tongue  
   English:      Fluent in all areas  
   Arabic and Hindi:      Introductory

REFERENCES      **Dr. Md. Jafar Ahmed Khan**  
   Professor, Department of Statistics  
   University of Dhaka  
   Dhaka - 1000, Bangladesh  
   E-mail: jafar@du.ac.bd      Phone: 880-2-9661900/7219, +8801965350939

**Dr. Wasimul Bari**  
   Professor, Department of Statistics  
   University of Dhaka  
   Dhaka - 1000, Bangladesh  
   E-mail: w\_bari@du.ac.bd      Phone: 880-2-9661900/7191, +8801675814036

**DR. MD. Jamil Hasan Karami**  
   Associate Professor, Department of Statistics  
   University of Dhaka  
   Dhaka - 1000, Bangladesh  
   E-mail: karami.stat@du.ac.bd      +8801817522559