

# SABBIR AHMED HEMO

Statistician with a demonstrated history of working in the research for both industry and non-profit organizations. Skilled in R, Shiny, Statistical Data Analysis, SQL and Machine Learning.

Currently searching for a data science position that allows me to build tools using visualization and machine learning to help people explore and understand their data.

## EDUCATION

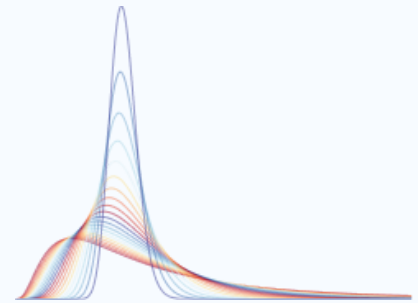
- 2020  
|  
2019
- **MS, Applied Statistics**  
University of Dhaka Dhaka, BD
    - Thesis: Performance of Inverse Probability Weighting Compared to Multiple Imputation for Missing Binary Outcomes in Cluster Randomized Trials
- 2018  
|  
2015
- **BS, Applied Statistics**  
University of Dhaka Dhaka, BD
    - Project: Predicting malnutrition status of under-five children using tree based models

## INDUSTRY EXPERIENCE

- 2019
- **Consultant Statistician**  
Grasp Industries Bangladesh Dhaka, BD
    - Developed ODK Aggregate Server in a host server to collect data
    - Formulate digital form on COLLECT Android App for collecting data
    - Created a web dashboard to see real time insights from the data collected
- 2019  
|  
2018
- **Statistician**  
Participation Promoters Bangladesh Limited Dhaka, BD
    - Analyzed data in the baseline survey of nutrition project of CDP
    - Designed the midline survey, analyzed collected data
    - Wrote report based on the findings from the data

## VOLUNTEER EXPERIENCE

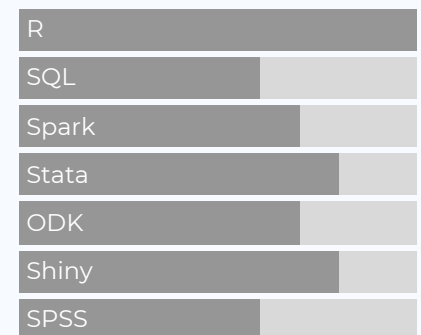
- 2019  
|  
2014
- **Member**  
United Nations Youth Advisory Panel in Bangladesh Dhaka, BD
    - Worked as a technical advisor for UN agencies in Bangladesh
    - Did different kind of surveys and FGDs
    - Helped to organize different training session and workshop



## CONTACT

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- ☎ (+880) 17380 477 81

## SKILLS



Made with the R package  
[pagedown](https://github.com/jgm/pagedown).

Last updated on 2019-10-26.

- 2015 ● **Central Youth Volunteer**  
Save the Children in Bangladesh 📍 Dhaka, BD
- Support NCTF program with technical assistance
  - Did interviews and FGDs for the baseline survey of WASH project
  - Organized different training session and workshop
- 2015 | 2013 ● **Speaker**  
Child Parliament 📍 Bangladesh
- Lead the core committee of CP to arrange a session
  - Facilitated different workshop and training sessions for Child Parliament



## SELECTED PUBLICATIONS, POSTERS, AND TALKS

- 2019 ● **Predicting malnutrition status of under-five children using tree based models**  
Accepted as poster presentation at ICHPS 2020 📍 San Diego, CA, USA
- Authored with Prof. Md. Israt Rayhan
- 2019 ● **Performance of Inverse Probability Weighting Compared to Multiple Imputation for Missing Binary Outcomes in Cluster Randomized Trials**  
Proposed



## LINKS