**Top Left:**

Data Scientist &

Business Intelligence System Developer

[Md.] S**h**abbir Hossain Bhuiyea

**Greetings**

Hello

I’M SHABBIR,

A Storyteller with Data

I Love Building Things → I Love Building Interactive BI Systems that Relieve Organizations from Tedious Repetitive Tasks, Static Reporting & Analytics

#First, “view cv” won’t be with the first animated picture.

# It will be with the second picture, but on the left [which doesn’t collide with the picture/words]

##No projects to show from here. So, “View Projects” will be removed.

**About**

## In the place of “Who am I” it would be “**About Me**”. No subsection under “About Me”

“I am Md. Shabbir Hossain Bhuiyea (Rossi), a young **Data Enthusiast**, who is always up to take on new challenges for problem-solving in accordance with learning new competencies and wants to contribute to the Fintech and other industrial sectors by applying Statistical & Data Science Methodologies and Tools to Visualize and get actionable insight from massive amounts of unstructured data.

I completed my Graduation & **Post-Graduation** (with a **Thesis on Machine Learning**) with a **Distinction** in **Statistics** from Shahjalal University of Science & Technology. Since then I have worked on several Govt. funded Research Projects, in the Development Sector (**Save the Children & Pathfinder Internation)** as Research Officer, in the Daffodil Internation University as a **Lecturer in Statistics**, and finally found my true interest and started working in the field of **Data Science, Big Data Engineering & Business Intelligence System Development.**

For the last two years, I have been working as a **Data Scientist and Lead of a Business Intelligence System Development Team** for two Fintech Companies [**Celloscope Limited** & **DOER Services Limited**]. I developed one **Customized BI** for **Agrani Bank’s Agent Banking** and another BI for **Insurance Development & Regulatory Authority (IDRA)** using **R, Shiny, HTML, CSS & SQL** which are in production. In these projects, I dealt with the whole Insurance industry (83 companies) enormous volume of data and Agent Banking’s Transactional Data. Now, working with **Tableau** and other BI solutions to develop another system for **Agrani Smart Banking**.”

**### Here are some of my Expertise:**

#**BI System Development**

I Develop Business Intelligence Systems

Using **R (Shiny)**, Flexdashboard, Tableau/PowerBI.

Additional Skills that are Required:

**ETL, Data Warehousing, SQL, NoSQL (MongoDB),**

**CI/CD Pipeline, Docker, Crontab, Shell Scripting** etc.

#**Data Analysis**

Along with analyzing & making insightful visualizations

for Agrani Agent Banking Business Team and IDRA, I run

Train up Program on Data Analytics to empower the employees

from non-technical fields with analytical skills.

For analysis and visualization, I frequently use **R/Python & SQL**.

#**Deployment**

Deploying BI Systems in a cost-effective way is a major challenge.

I publish my developed BI on the **Cloud (on-premises or rented VM)**

using **Docker, free tiered ShinyServer/ShinyProxy.**

**###Here are some of my Projects**

**#Custom Insurance BI**

\*CHANGE THE SCREENSHOT WITH THE OTHER ONE [WITH BANGLADESH MAP]

An Insurance Industry Centric Sample Interactive Dashboard/BI hosted on shinyaaps.io, which you can try on your own to get the Idea.

\* Add “**Live Demo”** Button in the place of “**More**”

**#Sample Banking BI**

A Banking Industry Centric Demo Interactive Dashboard/BI hosted on our own Server using R-Shiny and Docker.

\* Add “**Live Demo”** Button in the place of “**More**”

**#Tableau Dashboard**

An impression of a BI Toal/Dashboard with Dummy Data, that are being developed in Tableau for Agrani Smart Banking.

\*No need to keep the “**More**” Button on this and the next one

**###My Work Experience**

#**Team Lead, Data Science & Business Intelligence** 2020 - Present

Started my journey at DOER Services Limited, a Fintech Company, as the only Data Scientist in the company in late 2020. As more projects were coming, started recruiting, training and building a team of Data Scientists and Business Intelligence System Developers. So far, we have worked for Agrani Bank, IDRA and serving Celloscope Limited too.

**Accomplishment:**

* Developed a BI System [**Shiny Web Application**] for the **Insurance Development & Regulatory Authority (IDRA), Bangladesh** to monitor the progress of the whole Insurance Industry in Bangladesh
* Developed an **Automated Reporting System and BI Tool** for **Agrani Bank’s Agent Banking** using R, Shiny, HTML, CSS & JavaScript.
* Built a **System Performance Analysis Dashboard** for Agrani Bank’s Agent Banking System and CBS [Core Banking System].
* Worked with **NBR [National Board of Revenue]** to develop **Predictive and Time Series Models** using **Oracle Analytics**.
* Currently, working on **Agrani Smart Banking BI** using **Tableau**.

#**Lecturer in Statistics** 2019 - 2020

Worked at the Daffodil International University (DIU) as a Lecturer in Statistics for more than one and a half years and took courses like Business Statistics, Probability, Applied Statistics, Data Mining, etc., and often perform the role of Student Mentorship

**#Research Consultant** 2020

During my time at the DIU, I worked as a consultant (co-investigator) on 2 NGO (**ESDO, MJF**) funded projects. From questionnaire design to data analysis and report submission, I carried out the projects with my ex-collegue and Department Head Dr Syed Mizanur Rahman (Raju).

**#Research Officer** 2018 - 2019

For several periods between 2018-19, I worked as a Research Officer on two of the major projects [**Suchana, re(solve)**] of **Save the Children, Bangladesh** and **Pathfinder International**.

**#Data Analyst & Research Assistant** 2014/15- 2018

Since my academic years, I have been actively involved in several Govt. funded research projects as a research assistant between that period. To carry out the projects successfully, I worked as a research study designer, data collector, data analyst and project report writer under the supervision of my University Faculties.

**###My Academic Journey**

**#Post-Graduation [MSc.] 2016-17**

I completed my post-graduation in **Statistics** with **Distinction** from Shahjalal University of Science & Technology, Sylhet, Bangladesh. I held the **second position** in the batch with CGPA **3.87** out of 4.00.

My master’s thesis was on: “Estimating **Early Childhood Development Index** in Bangladesh and Identifying Associated Risk Factors using **Logit** and **Random Forest Modeling**”

**#Graduation [BSc.] 2011-15**

My Bachelor's was in **Statistics** from the same university as the master’s where I also held the **second position** in my batch with a CGPA of **3.73** out of 4.00.

#**#Higher Secondary (HSC) 2008-09**

Successfully, Completed Higher Secondary from Gurudoyal Govt. College, Kishoreganj with a GPA of **5.00** out of 5.00.

#**#Secondary (SSC) 2006-07**

Completed Secondary School Certificate Exam from Kishoreganj Govt. Boys High School, Kishoreganj with a GPA of **5.00** out of 5.00.

**###Publication**

**#Publication #1 Journal of Population and Social Studies (JPSS) [Scopus Indexed]**

Assessing the determinants of women’s age at first marriage in rural and urban areas of Bangladesh: Insights from Quantile Regression (QR) approaches

Journal of Population and Social Studies.

Volume 30, 2022. pp. 602–624

DOI: <http://doi.org/10.25133/JPSSv302022.034>

**#Publication #2 Transfusion and Apheresis Science, Elsevier [Scopus Indexed]**

Factors influencing voluntary blood donation practice among university students of Bangladesh.

DOI: <https://doi.org/10.1016/j.transci.2022.103379>

**#Publication #3 Review of General Management**

Investigation of satisfaction level of customers and hidden factors for selected retail shopping.

Source: Review of General Management. 2018, Vol. 27 Issue 1, p22-43. 22p.

#Conference Paper #1

Awareness and Impacts of Climate Change among the Farmer’s Livelihoods in Haor Area of Kishoreganj.

Presented at 17th **National Statistical Conference** organized by Bangladesh Statistical Association.

#Conference Paper #2

Estimating Early Childhood Development Index in Bangladesh and Identifying the Associated Risk Factors.

Presented at 17th **National Statistical Conference** organized by Bangladesh Statistical Association.