

Md. Sahidul Islam

Statistical Analyst

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UttarKunipara, South Mohakhali
Dhaka-1208, Bangladesh
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WORKING EXPERIENCE

- Sep 2014 – **MRB, Bangladesh (A part of KANTAR group)**
Current ***A Multinational Market Research Company***
Designation Analytics Executive
Address House #15/A, Road-5, Block-F, Banani, Dhaka-1213, Bangladesh
Major responsibility Statistical data analysis using R, SPSS Syntax etc, Data cleaning using and error program writing using R, C#, Report writing
- Feb, 2013– **Statistics and Applied Economics Consulting**
Aug, 2014 ***An online consultancy***
Designation Junior Statistician
Address 1015 Blechrette, Lausanne, Switzerland, Phone: 0041789060536/ 00213792358322
Major responsibility Research Design, Statistical Analysis using R, SPSS, LaTeX.

EDUCATION

- 2011 – 2012 **Master's Degree in Statistics,**
Department of Statistics, University of Rajshahi, Bangladesh.
CGPA 3.778 out of 4.00
— MASTER THESIS
Title ***A Comparative Study between ICA and PCA***
Supervisor *Professor Dr. Mohammed Nasser*
Description PCA is a very promising old technique for dimension reduction. Also it is used for latent structure detection, clustering and outliers detection in multivariate dataset. In this thesis ICA is used for latent structure detection, clustering and outliers detection and compared it with that of PCA. More than 16 real and simulated datasets are used in this dissertation.
- 2007 – 2011 **Bachelor's Degree in Statistics, Department of Statistics, University of Rajshahi,**
Bangladesh.
CGPA 3.42 out of 4.00
— UNDERGRADUATE PROJECT
Title ***Impact of Usages of Papers on Academic Results (A case study on the students of Rajshahi University)***
Supervisor *Professor Dr. Mohammed Nasser*
Description The objective of this study is to find the impact of paper using on academic results. In this study 200 respondents collected from 47 different department in Rajshahi University.
- 2004 – 2006 **Higher Secondary School Certificate,**
Dhamoirhat M.M. Degree College, Dhamoirhat, Naogaon, Bangladesh.
CGPA 4.00 out of 5.00
Science Group
- 2002 – 2004 **Secondary School Certificate,**
Naogaon Zilla School, Naogaon, Bangladesh.
CGPA 4.31 out of 5.00
Science Group

PUBLICATIONS

SUBMITTED JOURNAL PAPERS

- Mar 2015 (Submitted) **Md. Sahidul Islam**, Mohammed Ali, Md. Saimul Islam, Md. Binyamin, and Mohammed Nasser. *“Breast Cancer DNA Microarray Gene Expression Data Analysis using Independent Component Analysis”*, // Submitted in an International Journal.
- Feb 2015 (Submitted) Md. Saimul Islam, Mohammed Nasser, **Md. Sahidul Islam**, Md Bipul Hossen, Mohammad Ali, *“Mining Gene Expression Profile with Missing Values: An integrated implementation of Kernel PCA and Singular Value Decomposition”*. //Submitted in an International Journal.

CONFERENCE TALKS

- Dec 2014 **Md. Sahidul Islam**, Mohammed Ali, Md. Saimul Islam, Md. Binyamin, and Mohammed Nasser. *“A Comparative Study between ICA, PCA and Their Robust Versions in Visualization of Clusters”*, // In Proceedings of the International Conference on Applied Statistics in University of Dhaka, Bangladesh (ICAS '14)
- Dec 2014 Md. Bipul Hossen, Md. Binyamin, Md. Ali, Md. Saimul Islam, **Md. Sahidul Islam**, Md. Nasser, Md. Aminul Haque, Mashahiro Sugimoto. *“Performance Evaluation of Several Hierarchical Clustering Algorithms with Proximity Measures”*, // In Proceedings of the International Conference on "Statistics in planning and development: Bangladesh perspective". in Dhaka, Bangladesh (ICAS '14)
- Dec 2012 Md. Saimul Islam, **Md. Sahidul Islam**, and Mohammed Nasser. *“PCA vs ICA in Visualization of Clusters”*, // In Proceedings of the International Conference on Bioinformatics, Health and environment department of Statistics, University of in University of Dhaka, Bangladesh (ICAS '14)

Research Interests

- Machine Learning
- Data Mining
- Bioinformatics

PROGRAMMING/COMPUTER SKILLS

Data Analysis Software

Proficient IBM SPSS, Weka, Stata, STATISTICA, Rattle

Operating Systems

Linux, Windows (All versions)

Programming/ Scripting

Proficient R, SPSS Syntax, Excel VBA

Familiar Fortran, C#, C, Python

Basic Java

Platforms and Frameworks

dot net, Java SE, Java EE

Databases MySQL, MS Access

Office

L^AT_EX, MS Word

AWARDS AND HONORS

- 1-31 Oct, 2014 Holding the certificate of "Regression Model" with distinction from Johns Hopkins University.
- 1 Apr- 31 May, 2014 Holding the certificate of “Machine Learning” with distinction from Stanford University online course.
- 1-30 Apr, 2014 Holding the certificate of “R Programming” with distinction from Johns Hopkins University online course.
- 2013 Holding the Certificate of “Computing for Data Analysis” with distinction from Johns Hopkins online course.

- 2012 1st Place in STATISTICA software competition, held in department of Statistics, University of Rajshahi.
- 2012 Holding certificate for “R programming” offered by Department of Statistics, University of Rajshahi, Bangladesh.

SPECIALIZED TRAINING/WORKSHOPS/CONFERENCE

- 27-29 Dec 2014 “International Conference on Applied Statistics (ICAS ’14)”, Organized by Department of Applied Statistics, University of Dhaka
- Dec 2012 “International Conference on Statistical Data Mining for Bioinformatics Health Agriculture and Environment”, Organized by Department of Statistics, University of Rajshahi.
- 18-19 Oct, 2012 “International Workshop on Large Scale National Survey”, Organized by Department of Statistics, University of Rajshahi, Supported by Higher Education Quality Enhancement Project (HEQEP)
- 21-22 Sep, 2012 “Workshop on Optimization”, Organized by Department of Statistics, University of Rajshahi, Supported by Higher Education Quality Enhancement Project (HEQEP)
- 27-28 July, 2012 “Workshop on Environmental Analysis under Climate Change”, Organized by Department of Statistics, University of Rajshahi, Supported by Higher Education Quality Enhancement Project (HEQEP).
- 25-26 May, 2012 “Workshop on Digital signal and Image Processing”, Organized by Department of Statistics, University of Rajshahi, Supported by Higher Education Quality Enhancement Project (HEQEP)
- 20-22 Apr, 2012 “International Workshop on Health Statistics” Organized by Department of Statistics, Rajshahi University, Supported by Higher Education Quality Enhancement Project (HEQEP).
- 24 Feb, 2012 “Workshop on Reproducing Kernel Hilbert Space and Its Applications”, Organized by Department of Statistics, Rajshahi University, Supported by Higher Education Quality Enhancement Project (HEQEP).
- 25-26 Nov, 2011 “Workshop on Multivariate Calculus for Machine Learning”, Organized by Department of Statistics, Rajshahi University, Supported by Higher Education Quality Enhancement Project (HEQEP).
- 30 Sep - 01 Oct, 2011 “Workshop on Matrix Analysis and Their Applications in Statistics”, Organized by Department of Statistics, Rajshahi University, Supported by Higher Education Quality Enhancement Project (HEQEP).
- 25-26 Nov, 2011 “Workshop on Multivariate Calculus-1 for Machine Learning”, Organized by Department of Statistics, Rajshahi University, Supported by Higher Education Quality Enhancement Project (HEQEP).
- 09-10 Sep, 2011 “Workshop on Probability Theory and Application in Machine Learning”, Organized by Department of Statistics, Rajshahi University, Supported by Higher Education Quality Enhancement Project (HEQEP).
- 28-30 July, 2011 “Workshop on Calculus 1 for Machine Learning”, Organized by Department of Statistics, Rajshahi University, Supported by Higher Education Quality Enhancement Project (HEQEP).

LANGUAGE SKILLS

Native Bangla
Fluent English, Hindi

PERSONAL INFORMATIONS

Father's Name	Md. Safiqul Islam	Mother's Name	Peyara Banu
Date of Birth	26 October, 1988	Sex	Male
Marital Status	Single	Religion	Islam
Permanent Address	House# , Meherchondi Uttar Para, Rajshahi-6200	Present Address	House# KA-169/A, Beside Rahmania Kindergarten, Tejgaon (South Mo-hakhali), Dhaka-1208

Nationality Bangladeshi (by birth)
Blood Group A(+ve)

National ID 6412842278338
Hobbies & Programming, Reading Books, Play-
Interests ing Cricket, Traveling and Critical
 thinking

RESEARCH EXPERIENCE

Thesis-2012 A full dissertation submission on "A Comparative Study between ICA and PCA", Department
 of Statistics, University of Rajshahi
Field Field study of the impact of usage of paper on academic results (A case study on the students)
Work-2011
2015-Current Working in R package development for checking error in the datasets. <https://github.com/ripon08054718>
Onlie Work Odes'k and Elance online statistical data analysis and consultant with a good feedback score
, 2013- <https://www.elance.com/s/edit/ripon08054718/> and [https://www.odesk.com/users/](https://www.odesk.com/users/~01972df40a0fbbfaa4)
Current ~01972df40a0fbbfaa4

UNIVERSITY INVOLVEMENT

2010-Current Member of Statistical Learning Group (SLG)
2012 Vice President of SWAJON (a voluntary blood donate organization) in Shaheed Shamsuzzoha
Hall, University of Rajshahi

Reference

REFERENCE-1

Name Dr. Mohammed Nasser
Designation Professor
Address Department of Statistics, University of
Rajshahi
Cell Phone +8801914254010
Email mnasser.ru@gmail.com

REFERENCE-2

Dr. Md. Jahanur Rahman
Associate Professor
Department of Statistics, University of
Rajshahi
+8801915689855
jahan.stat@ru.ac.bd

I do hereby declare that all the information mention above is correct.



(Md. Sahidul Islam)