



# Malith Premarathna

## Curriculum Vitae

*I'm a educated, hardworking, and proactive graduate student with a good background in statistics and mathematics. Currently looking for an opportunity to utilize my skills in a challenging working environment.*

### Education

- 2022–Present **M.S. in Statistics**, University of Nebraska-Lincoln, USA, GPA – NA.  
2017–2021 **BSc in Statistics**, University of Colombo, Sri Lanka, GPA – 3.5.

### BSc Thesis

- Title *Modelling Inflated Time Series Counts ; An Integer Valued Auto-Regressive model Development.*
- Supervisor Dr. Sameera Viswakula, Department of Statistics, Faculty of Science, University of Colombo, Sri Lanka
- Description The Thesis Developed a new theoretical model which has ability to account for the inflation more than any competitive model in the literature. After that the developed model was validated using a comprehensive Simulation study in R platform

### Experience

#### Vocational

- Aug 2022–Present **Graduated Teaching Assistant**, UNIVERSITY OF NEBRASKA-LINCOLN.  
responsible for SATA218 Courses.
- May 2021–July 2022 **Teaching Assistant**, DEPARTMENT OF STATISTICS, UNIVERSITY OF COLOMBO, SRI LANKA.  
responsible for demonstrating R software Computer lab sessions and time-series tutorial classes for 3<sup>rd</sup> and 4<sup>th</sup> year undergraduates.

#### Miscellaneous

- 2018–2020 **Vice-Treasurer**.  
STAT CIRCLE, DEPARTMENT OF STATISTICS, UNIVERSITY OF COLOMBO, SRI LANKA

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additional information

## Projects completed

- Project 1 Descriptive analysis and Advanced analysis of Wine quality data and prediction of quality level of Wine
- Project 2 Statistical Analysis of Mushroom classification data to predict whether mushrooms are safe to eat or not and development of a simple mobile application
- Project 3 Statistical Analysis of Credit Risk to predict whether a bank customer is risky or not.
- Project 4 Statistical Analysis of Spotify Song Classification

## Computer skills

- Basic L<sup>A</sup>T<sub>E</sub>X, Android Studio
- Intermediate PYTHON, R STUDIO, PowerBI, Eviews, Microsoft Windows
- Advanced MS OFFICE, SPSS, Minitab

## Other Qualifications

- july 2021 Presented the Undergraduate research Abstract in ICMAS 2021 Conference  
"https://science.cmb.ac.lk/icmas2021/wp-content/uploads/2021/12/Conference-Proceedings-ICMAS-2021.pdf"
- JULy 2021 International English Language Testing System (IELTS) Score– 7.5 /9.0 ( L-8.5, R-8.0, W-6.5, S-6.5 )
- Dec 2021 Graduate Record Examination,Score-301/340(Quantitative Analysis 163, Verbal Reasoning -138)
- Jan 2017 – Certificate Course in English (IHRA University of Colombo)  
July 2017

## Personal Skills

- Communication
- Self Motivated
- Team management
- Interpersonal

## Languages

- Sinhala **Mothertongue**
- English **Intermediate** *Conversationally fluent*
- Tamil **Basic** *Basic words and phrases only*

## Interests

- Statistics
- Cooking
- Bicycle Riding
- Data Science
- Sleeping

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