

Thisuri Athukorala

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A dedicated and high-achieving Statistics undergraduate seeking an internship. Possesses a strong academic foundation in statistical analysis with practical programming skills in R. Eager to apply analytical expertise to real-world projects and contribute to a professional team.

Education

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|--|----------------|
| BSc.(Hons) in Statistics | 2022 – Present |
| <ul style="list-style-type: none">University of Sri JayewardenepuraGPA : 3.34 | |
| GCE A/L (Physical Science Stream) | 2020 |
| <ul style="list-style-type: none">Anula Vidyalaya, NugegodaCombined Mathematics - A, Chemistry - B, Physics - C | |
| GCE O/L | 2016 |
| <ul style="list-style-type: none">Anula Vidyalaya, Nugegoda9A's | |
| English Language Proficiency (Distinction) | 2021 |
| Certificate in Spoken English (Distinction) | 2021 |
| Certificate in Applied Information Technology (CAIT) | 2021 |
| Certificate of Completion: PyData Sri Lanka Workshop | 2025 |

Projects

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| Multivariate Time-Series Analysis of U.S. Climate Trends | VAR Models  |
| <ul style="list-style-type: none">Modeled complex interdependencies between key U.S. climate indicators (1990-2022) by implementing a Vector Autoregression (VAR) model to analyze their dynamic relationships and granger-causal effects.Technologies: Time Series Analysis, Forecasting, Granger Causality. | |
| Sales and Promotion Performance Dashboard | 2025 |
| <ul style="list-style-type: none">Conducted a comprehensive analysis of sales and promotional performance for Nova Retail using Power BI.Technologies: Power BI, Data Visualization | |
| Sri Lankan Education Landscape Dashboard | Dashboard  |
| <ul style="list-style-type: none">Develop an interactive dashboard that analyzes the distribution of | |

schools, students, and teachers in Sri Lanka's districts, providing information on educational resources and demographics.

- Technologies: Data Visualization, Geospatial Analysis, Quarto Dashboard

Spatial Analysis and Statistical Modeling of *Meloidogyne graminicola* in Sri Lankan Rice Cultivation

2025

- Map the distribution and severity of the rice (Meloidogyne graminicola) across Sri Lanka and identify the key agronomic, environmental, and genetic factors influencing its spread to inform targeted management strategies.
- Technologies: Negative Binomial Regression, Data Visualization

Skills

Languages: R

Tools: R Studio, Quarto, Power-BI, GitHub

Professional Skills: Leadership Qualities, Team Work, Presenting and Communication, Writing, Learner

Interests

Data Visualization, Time Series Forecasting, Statistical Modeling

Achievements and Extra Curricular Activities

Achievements

- Participating in the Sports Analytics Workshop organized by the Institute of Applied Statistics of Sri Lanka.

Extra Curricular Activities

- Event Coordinator of Statistics Society of USJ
- Session Assistant of International Conference on Statistics and Data Science (IASST)
- Resource Demonstrator of Sci-Spectra '24 National Science Exhibition (Anula Vidyalaya)