Malsha Chamodi

Profile Summary

Final-year B.Sc. (Hons) Statistics undergraduate at the University of Sri Jayewardenepura with strong skills in statistical modeling, data visualization, and programming in R and Python. Experienced in applying statistical methods to real-world problems through research and projects. Passionate about leveraging data to generate insights that support evidence-based decision making in data science, economics, business analytics, telecommunications, and banking finance.

Contact details

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Skills

- R, Python, SQL
- Minitab, Spss
- Microsoft Excel, MS Word,MS PowerPoint
- GitHub
- Data Visualization
- Statistical Modeling
- Problem solving
- Communication and team collaboration
- Research and Analysis

Education

B.Sc. (Hons) in Statistics – University of Sri Jayewardenepura, Sri Lanka (2022 – Present)
- **Expected graduation**: 2026
- **Relevant coursework**: Time Series Analysis, Regression Analysis, Statistical Modeling, Multivariate Analysis, Data Mining

Research Interests and Objectives

As an undergraduate student in **Statistics**, my research interests focus on the application of statistical theory and data analysis techniques to solve real-world problems. I am particularly interested in areas such as **time series analysis**, **data visualization**, and **statistical modeling**. I aim to deepen my expertise in modern statistical methods and their practical implementation, contributing to interdisciplinary research in areas such as finance, economics, and agriculture.

Research Projects

Analyzing and Forecasting Tea Production and Export in Sri Lanka (2024)
- Conducted time series analysis to identify trends and forecast future tea production and exports.
- Applied R for statistical modeling and data visualization to support policy insights.

Certifications

Certificate of Completion of the PyData Sri Lanka Post-Conference Workshop (2025)
pyData

Certificate of Online Learning Programme in Python for Beginners- University of Moratuwa, Sri Lanka (2025)
Python for Beginners E- Certificate

Certificate of Introduction to Python - Datacamp (2025)
Python

Certificate of Data Manipulation with Pandas - Datacamp (2025)
Pandas

Certificate of Understanding Artificial Intelligence - Datacamp (2025)
Artificial Intelligence

Certificate of Introduction to AI Agents - Datacamp (2025)
AI Agents

Certificate of Understanding Prompt Enginnering - Datacamp (2025)
Prompt Enginnering

Certificate of completion of SQL Intermediate - sololearn (2025)
SQL Intermediate certificate