



W.A RUSIRU PABASARA PRIYANTHA

About Me

I am a motivated 25-year old data science enthusiast with a solid background in **Data Analyzing, Computer Programming, Mathematics, Statistics and Machine Learning**. My maturity, responsibility, and strong interpersonal skills are evident in the way I tackle tasks. With an ability for both analytical and creative problem-solving, I strongly overcome challenges and work well in teams to produce outcomes that are both timely and of the highest possible standard.

Education



University of Colombo, Faculty of Science

2021 - 2024

- B.Sc. in Industrial Statistic and Mathematical Finance
- Major in Statistic, Financial Mathematics, Management, Computer Science, Mathematics



Ananda College, Colombo

2010 - 2018

G.C.E Advanced Level - 2019 (Physical Science)

- Physics: B, Chemistry: B, Combined Mathematics: C
- General Information & Technology: A

G.C.E Ordinary Level - 2015

- Result - 9 A's

Projects

- **Research on Identifying and Analyzing Contributing Factors in Motorcycle Accidents in Sri Lanka - R Language (ongoing)** 2024
 - I contributed to developing a statistical model to identify the factors contributing to motorcycle accidents in Sri Lanka under the research guidance of a former University of Moratuwa lecturer.
- **Plant Disease Prediction Deep Learning Project (ongoing)** 2024
 - A deep learning project utilizing Convolutional Neural Networks (CNNs) using **Docker, TensorFlow, and Streamlit** for plant disease prediction through image classification.
- **Calories Burnt Prediction ML Regression Model** 2024
 - The model's objective is to accurately predict calorie expenditure during physical activities using Python. It leverages libraries like **NumPy, Pandas, Matplotlib, Scikit-learn, XGBoost**, all within Google Colab Notebooks.
 - [Python Notebook \[Here\]](#)

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- 📍 Permanent Address -
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- ☎ 077 - 4979613
- ✉ rusirupabasara27@gmail.com
- in [Rusiru Pabasara](#)
- 🌐 <https://github.com/RusiruPabasara>

Technical Skills

- Machine Learning
- Database Management (MySQL)
- Proficient Statistical Analysis
 - * R Language
 - * Python Language
 - * SPSS
 - * Minitab
 - * MS Excel
- MS Power Bi Dashboard
- C# Console Application
- Web development
 - * Intermediate HTML
 - * Intermediate CSS
 - * Intermediate Bootstrap
 - * Beginner JavaScript
 - * Beginner PHP
- Advanced Statistics
 - * Regression
 - * Time series
 - * Statistical Inference
 - * Statistical computing
 - * Statistical modelling
 - * Probability and Distributions
 - * Survey & Experiment Design
 - * Non-parametric Methods.

Soft Skills

- Communication
- Critical Thinking
- Problem Solving
- Time Management
- Creativity
- Self Motivated
- Work in team or Individual
- Analytical and Research Skills
- Presentation Skills
- Report Writing
- Data Visualization
- Modeling: Linear and logistic regressions
- Quick Learner
- Knowledge in Information Technology
- Project Management

Extra-curricular Activities

- **Former Club Treasurer
2022-2023**

LEO Club University of Colombo,
Faculty of Science
Awarded 1st runner up for Best Treasurer in the 2022/2023 Leo District 306A1 award ceremony.

- **Former Chief Organizer
2016 - 2018**

Saukyadana Unit, Ananda College

References

Dr. Sameera Viswakula
Senior Lecturer
Department of Statistics
University of Colombo
Email:
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071-3577290

Dr. H. A. S. G. Dharmarathne
Senior Lecturer
Department of Statistics
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- **Analyzing Data Scientists' Salaries Project - R Language** 2024
 - Our main objective is to uncover important information that will clarify the state of the data science employment market where it stands nowadays
 - [R notebook \[HERE\]](#)
- **Road Accident Casualties Dashboard - MS Power Bi** 2024
 - Interactive Microsoft Power BI dashboard report for identify the factors affect to the accident casualties happen in United Kingdom from 2019 to 2022.
 - [Dashboard link \[HERE\]](#)
- **Survey analyzing reasons for stress level - SPSS/ MS Excel** 2024
Academic Project(Group) on IS 3005-Statistics in Practice 1
 - Uncover factors about the stress levels experienced by Physical Science and ISMF undergraduates in their first two years at the University of Colombo, Faculty of Science
- **Analyzing Marketing Research Survey - SPSS/MS excel** 2023
Academic Project(Group) on MS 3004-Marketing Research
 - Understanding the coca cola advertising impact on consumer behavior by conducting a survey questionnaire.
- **Library Management System console application - C#** 2023
Academic Project on CS3101: Rapid Application Development and Visual Programming Technologies
 - Developed a C# console application for efficient library management, enhancing book inventory, user registration, and lending processes. Improved overall library operations and user experience
- **Travel Webpage Front-end - HTML/CSS/Bootstrap** 2023
Academic Project on CS3101: Rapid Application Development and Visual Programming Technologies
 - Developed a visually captivating travel guide webpage Front end with HTML and Bootstrap, offering users a user-friendly platform to explore destinations and plan their trips effectively.

Certifications

- **Programming in python course (online)**
Conducted by CODL University of Moratuwa, Sri Lanka
- **Programming for Everybody(Python) (online)**
- **Foundations: Data, Data, Everywhere (online)**
- **Data Analysis with R Programming (online)**
- **Data Analysis and Visualization with Power BI (online)**
Conducted by Coursera