

M.H.M.N. Perera

(UG) Financial Mathematics & Industrial Statistics

University of Ruhuna, Sri Lanka

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PROFILE SUMMARY

A passionate financial analyst with a strong foundation in financial mathematics and industrial statistics. Skilled in data-driven decision-making, risk assessment, and statistical modeling. Experienced in using tools like R, Python, and Excel for financial analysis. Enthusiastic about researching Sri Lanka's economy, stock markets, and financial systems.

EDUCATION

| | |
|---|----------------|
| University of Ruhuna | 2022 - Present |
| B.Sc. in Financial Mathematics and Industrial Statistics | |
| Wayamba Technical College | 2020 - Present |
| NVQ Level 5 - Quantity Surveying | |
| Sandalanka Central College | 2020 |
| G.C.E. Advanced Level Examination | |
| <i>Combined Mathematics (A), Physics (C), Chemistry (C)</i> | |

EXPERIENCE

| | |
|--|-------------------------|
| Research and Data Analysis Intern | [Month, Year] - Present |
| Company Name | |

- Conducted quantitative analysis on financial markets using statistical models.
- Developed financial reports and predictive models using R and Python.
- Assisted in writing research papers on Sri Lanka's stock market trends.

| | |
|-------------------------------|-------------------------|
| Freelance Data Analyst | [Month, Year] - Present |
| Your Work | |

- Performed financial data visualization and trend analysis.
- Provided statistical consulting for small businesses and startups.

SKILLS

- **Programming:** R, Python, SQL, LaTeX
- **Statistics:** Time Series Analysis, ANOVA, Non-Parametric Tests
- **Data Visualization:** Tableau, Power BI, ggplot2
- **Financial Tools:** Excel, RStudio, Minitab
- **Languages:** English (Intermediate), German (A1), Sinhala (Fluent)

PROJECTS

Stock Market Trend Prediction

- Developed an ARIMA-based forecasting model to predict stock price trends in Sri Lanka.
- Tools: R, Python, Excel

Financial Risk Assessment Dashboard

- Designed an interactive dashboard using Power BI to assess financial risks based on market data.
- Tools: Power BI, Excel, SQL

CERTIFICATIONS

- **Financial Data Analysis with Python** - Coursera
- **Advanced Statistical Modeling** - edX
- **Investment Analysis and Portfolio Management** - Udemy

INTERESTS

- Financial analysis and stock markets
- Machine learning in finance
- Researching Sri Lanka's economy
- Sports: Taekwondo, weightlifting, powerlifting

REFERENCES

Available upon request.