

SENITHA GUNATHILAKA

Data Science Intern

Sri Lanka

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PROFESSIONAL SUMMARY

Computer Science undergraduate with hands-on experience in data science, statistical analysis, and machine learning. Proficient in Python, scikit-learn, and Power BI, with end-to-end projects in customer churn prediction, time series forecasting, and student risk prediction. Seeking a Data Science internship to apply analytical and modeling skills to real-world datasets.

TECHNICAL SKILLS

- Programming: Python, SQL
- Libraries: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
- Data Science: EDA, Feature Engineering, Data Cleaning, Model Evaluation
- Machine Learning: Regression, Classification, Ensemble Models
- Visualization: Power BI

PROJECTS

Customer Churn Prediction | Machine Learning

GitHub: [Customer-churn-prediction](#)

- Built an end-to-end ML pipeline for customer churn prediction
- Performed data preprocessing, feature encoding, and scaling
- Trained and evaluated classification models using accuracy and F1-score

Sri Lanka Student Risk Prediction | Machine Learning

GitHub: [Sri-Lanka-Student-Risk-Prediction](#)

- Analyzed student performance data to predict academic risk levels
- Applied supervised learning models for binary classification
- Interpreted model results to support early intervention strategies

Sales Forecasting & Trend Analysis | Time Series

GitHub: [Sales-Forecasting-Trend-Analysis-using-Time-Series-Models](#)

- Conducted time series analysis on historical retail sales data
- Identified seasonal patterns and long-term trends
- Visualized forecasts and insights using Power BI dashboards

EDUCATION

BSc in Computer Science
Eastern University, Sri Lanka
Expected Graduation: 2027

CERTIFICATIONS

- Complete Data Science Bootcamp – Udemy
- Foundations of Gradient Boosting – CodeSignal
- Fixing Classical Models: Diagnosis & Regularization – CodeSignal
- Professional Certificate in SQL and SQL for Data Analysis – Udemy