

DINUWANTHI LIYANAGE

4440 Starr Street, Apt 15, Lincoln, NE 68503

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EDUCATION

University of Nebraska-Lincoln

MSc in Statistics

August 2023-Present

University of Colombo, Sri Lanka

Bachelor of Science Honours in Applied Statistics

Dec 2018 - Mar 2022

WORK EXPERIENCE

Associate Data Analyst - John Keells Information Technology (PVT) Ltd, Colombo, Sri Lanka

Analyzed data using statistical tools, techniques and providing reports

Identified process improvement opportunities, proposing system modifications

Working with cloud-based solutions and services (Microsoft Azure)

Developed data products – retail and banking sectors

Data Analytic Intern - John Keells Information Technology (PVT) Ltd, Colombo, Sri Lanka

Developed and maintained dashboards and databases

Conducted research to gather data on specific domains

RESEARCH EXPERIENCE

Customer Churn Prediction and Segmentation of Potential Churners in the Retail Sector

In collaboration with Department of Statistics, Faculty of Science, University of Colombo and John Keells Information Technology (PVT) Ltd, Sri Lanka

Evaluated the performance of various Machine Learning algorithms in predicting retail customer churn and obtained the best predictive model. Identified different segmentations in customers who were predicted to be churned.

TECHNICAL SKILLS AND SOFTWARE

Technical Skills

Statistical Analysis, Machine Learning, Operational Research

Software

Python, R, SQL, Matlab, Microsoft Power BI

CERTIFICATIONS

Microsoft Certified: Azure Data Scientist Associate

Microsoft Certified: Power BI Data Analyst Associate

Microsoft Azure Fundamentals

Microsoft Azure Data Fundamentals

Linear Regression for Business Statistics – Rice University (Offered through Coursera)