LASHINI KAVINDYA

PERSONAL INFO

- Age - 22 years old
- Birthday - 21/10/2002
- Nationality - Sri Lankan
- Sex - Female
- Civil Status - Single

CONTACT

071 - 0724175

lavi21sh@gmail.com

461/B Kudabollatha, Ganemulla.

www.linkedin.com/in/lashini-kavindya-3103b327b

https://github.com/lljohuityetsraq

EXPERIENCE

DATA SCIENCE INTERN (VIRTUAL) CODEALPHA | [2025.01.01] – [2025.01.31]

- **Completed a one-month internship focused on data science and analytics.**
- **Developed and implemented two data-driven projects using Python and machine learning techniques.**
- **Gained hands-on experience in data preprocessing, model development, and visualization.**
- **Collaborated with a team to enhance analytical workflows and optimize data insights.**

CERTIFICATE COURSES

In recognition of my attendance and completion of the Microsoft Learn Student Ambassadors Event:

- *Microsoft Azure for Data Engineering*
- *Azure Fundamentals*
- *Azure Data Fundamentals*

- **Google Analytics Certification**
- **Introduction to Analytics Engineering**

CURRICULUM VITAE

I am a third-year Data Science Undergraduate who accepts new challenges and seizes opportunities for self-learning. always giving maximum potential to complete the task and bearing strong interpersonal and communication skills. Skilled in Python, SQL and data visualization, eager to apply analytical skills to real-world challenges.

EDUCATION

General Sir John Kotelawela Defence University

I Pursuing a Bachelor of Science (BSc) in Applied Data Science and Communication at Sir John Kotelawala Defence Univer- sity, with an expected graduation in 2026. Relevant Coursework: Machine Learning, Data Visualization, Big Data Analytics, Statistica Methods, Cloud Computing, AI Deep Learning.

Defence Services College

- G.C.E A/L (Art Stream)
- G.C.E O/L

AWARDS AND ACHIEVEMENTS

Successfully achieved Microsoft earned badges and trophy :

1. Fundamentals of machine learning
2. Microsoft Azure AI Fundamentals: Generative AI
3. Explore fundamentals of data visualization
4. Describe the capabilities of Microsoft Power BI

PROJECTS AND RESEARCHES

Developed a machine learning model to analyse and optimize transportation services at KDU, focusing on demand prediction, scheduling inefficiencies, and service improvements.

Developed a cloud-based Attendance Management System using Microsoft Power Apps and SharePoint, featuring automated time tracking, real-time data calculations, and user-friendly interfaces.

Developed a web application that uses NLP techniques to summarize economic policy documents and generative AI to create customized policies based on user scenarios.

CLUSTER ANALYSIS AND CLASSIFICATION ANALYSIS PROJECT.

Built an interactive dashboard using clustering techniques to explore music trends, featuring Top 5 Artists ranking, Danceability and Energy analysis (K-Means), Tempo and Loudness distributions, and a Genre Popularity Heatmap, providing insights into key factors driving song popularity

GREATER MANCHESTER ENERGY & CHILD POVERTY ANALYSIS.

Developed a dashboard analyzing energy efficiency trends in Greater Manchester and conducted an international childhood poverty study (2002–2016) using Power BI Report Builder to assess poverty trends, policy impacts, and socioeconomic factors.

- Data Visualization with Power BI Simplified.
- Microsoft Power Platform Fundamentals (PL900) Cert Prep: Power BI.
- Power BI Mistakes to Avoid.
- Power BI Quick Tips
- earning Microsoft 365 Copilot and Business Chat Power BI: Working Together with Microsoft 365 Apps
- Essentials of Data Visualization using MS Excel
- Data Visualization with Python and New Methods in Matplotlib
- 2023 R Programming Bootcamp for Absolute Beginners.
- Python Data Science Fundamentals: Getting Started.
- Machine Learning with Python: k Means Clustering.
- Learning Python Generators.
- Cloud Storage Concepts: Services, Cost Control, and Security
- Master Course in CompTIA Cloud+ (101 level).
- Python Development Essentials.
- Python Development First Steps and Development IDE Platform
- Artificial General Intelligence (AGI).
- Python - Data Analytics - Real World Hands-on Projects
- Microsoft Azure Machine Learning Fundamentals.

TECHNICAL SKILLS

Programming Languages

- R
- Python

Databases

- SQL Server

Visualization Tools

- Power BI
- Excel

AI powered tools Microsoft

- power platform

SOFT SKILLS

- Team Work
- Leadership
- Verbal & Written Communication
- Analytical skills
- Presentation skills

OLYMPIC GAMES DATA ANALYSIS DASHBOARD.

Designed an interactive dashboard analysing Olympic data from Athens 1896 to Rio 2016, visualizing 39,783 medals, athlete participation trends, gender distribution, and country-wise medal performance. Powe bi report builder to showcase historical trends, inclusivity, and national achievements through engaging data storytelling.

DIABETES ANALYSIS DASHBOARD USING R PLOTLY.

Developed an interactive dashboard in R using Plotly to analyze diabetes datasets. Implemented Logistic and Linear Regression for predictive modeling and trend analysis. Visualized key insights through dynamic graphs, helping identify risk factors and patterns in diabetes progression

GREATER MANCHESTER PROPERTY PRICE MONITOR DASHBOARD.

Built an interactive Power BI dashboard analyzing property transactions (2019–2022) in Greater Manchester, showcasing sales trends, property types, price ranges, and geographic insights using SQL Server for data management.

METROPOLITAN CRIME INSIGHTS DASHBOARD.

Created a Power BI dashboard visualizing London Metropolitan Police crime data (2015–2022), highlighting crime types, hotspots, and yearly trends. Cleaned data with Excel and structured it with SQL Server for dynamic reporting.

ADVERTISING SALES PREDICTION USING MACHINE LEARNING.

Built a machine learning model to predict sales based on advertising dataset. Applied data exploration and regression models optimizing accuracy .

IRIS FLOWER CLASSIFICATION USING MACHINE LEARNING.

Developed a machine learning model to classify Iris flower species using Logistic Regression, KNN, and SVM. Conducted data exploration, preprocessing, and model evaluation, achieving 100% accuracy with Logistic Regression and KNN.

CAR SELLING PRICE PREDICTION. (MACHINE LEARNING PROJECT).

Developed a machine learning model to predict car selling prices with high accuracy

ENGAGING IN WRITING RESEARCH PAPERS

Currently engaging with writing research paper on AI-Driven Suicide Risk Detection

EXTRACURRICULAR ACTIVITIES

- ***Member of AI and data science club.***

LANGUAGE

- **English**
- **Sinhala**

REFERENCES

Dr. Charith Silva

Visiting Lecturer

Edge Hill University

charith.silva@edgehill.ac.uk

00447920206338

Ms. BCT Wickramasinghe

Lecturer (Probationary)

General Sir John Kotelawala Defence University

wickramasinghe.bct@kdu.ac.lk

0713612792