AJANIYA KAMALANTHAN

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ABOUT ME

Data Science undergraduate with strong skills in data analysis, SQL querying, Excel, and data visualization using Power BI. Experienced in analyzing datasets, identifying trends, and presenting insights through dashboards and reports. Actively seeking a Data Analyst internship to apply analytical and statistical skills in real-world business scenarios.

EDUCATION

BSc (Hons) in Information Technology   2023 – Present
Sri Lanka Institute of Information Technology (SLIIT)
- BSc (Hons) in Information Technology Specialising in Data Science
- CGPA-2.95
- I Completed the Higher Diploma in Information Technology

SKILLS

Programming & Query Languages
- SQL, Excel (Pivot Tables, Functions), Python (Pandas)

Data Visualization
- Power BI, Matplotlib, Seaborn

Analytics
- KPI Analysis, Trend & Pattern Analysis, Basic Statistics

Reporting
- Dashboard Design, Insight Presentation

PROJECTS

Password Safety Al 2025 🔗
- Analyzed password patterns and classification results to identify common security weaknesses.
- Interpreted model outputs and summarized findings for improved user awareness.

CO2 Emission Prediction By Vehicles 2025 🔗
- Analyzed vehicle data to identify trends affecting CO_2 emissions.
- Visualized emission patterns using charts to support environmental insights.

Car Resale Price Prediction System 2025 🔗
- Analyzed historical car sales data to identify pricing trends and influencing factors.
- Created visual summaries to explain the impact of mileage, fuel type, and ownership on resale value.

Hotel Management System 2024 🔗
(MERN Stack - React, Node.js, Express, MongoDB)
- Analyzed booking and service usage data to track key operational metrics.
- Supported reporting and dashboard-style summaries for decision-making.

CERTIFICATES

Python for Beginners at the University of Moratuwa (CODL)

Machine Learning Pipelines with Azure ML Studio at Coursera

AWS Academy Graduate - AWS Acedemy Cloud Foundations

Create Your First Python Program From UST at Coursera

REFERENCES

Mr. Prasanna Sumathipala, *Senior Lecturer. Data Science Program Coordinator*, SLIIT - Faculty of Computing
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Mr. S. M. B. Harshanath, *Lecturer*, SLIIT - Faculty of Computing
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