

BINU MEWANYA

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SUMMARY

Data Science undergraduate with hands-on experience in building and evaluating Machine Learning models using Python. Skilled in data preprocessing, exploratory data analysis, and model development using libraries such as scikit-learn. Actively seeking an internship to apply analytical thinking and problem-solving skills to real-world data problems.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)

2023 - Present

BSc (Hons) in Data Science

- CGPA - 3.5

Anula Vidyalaya - Nugegoda

2021 - 2023

- passed GCE Advanced Level (Physical Science Stream)

EXPERIENCE AND ACTIVITIES

Car Price Prediction Web App | Machine Learning Project

Tech Stack: Python, Pandas, NumPy, Scikit-learn, Streamlit, Matplotlib, Seaborn, Pickle

- Built a machine learning model to predict used car prices based on features such as mileage, brand, year, and fuel type
- Performed data cleaning, feature engineering, and model evaluation to improve prediction accuracy
- Deployed the model using Streamlit with an interactive UI for real-time predictions
- https://github.com/binu59/car_prediction.git

Web Development Project – Giraffe Cab Service Application

Tech Stack: MongoDB, Express.js, React.js, Node.js (MERN), REST APIs

- Built a full-stack cab service platform enabling ride booking, vehicle rentals, tour packages, cargo booking, and finance management.
- Implemented tour package management system allowing users to create and manage tour packages.
- Created a responsive frontend with React and Tailwind CSS
- <https://github.com/Rajarathne/Giraffe-Cabs-ITP.git>

Hospital Patient Records Analysis Dashboard | Power BI

- Built an end-to-end Power BI dashboard to analyze hospital patient flow, department referrals, and patient experience
- Performed data cleaning, anonymization, and transformation using Power Query
- Developed DAX measures to track KPIs including average wait time and patient satisfaction
- Designed interactive dashboards with slicers and drill-down capabilities for operational decision-making
- <https://github.com/binu59/first-dash.git>

TECHNICAL SKILLS

Python, R, SQL, JavaScript, Java, Pandas, NumPy, Matplotlib, Power BI, Scikit-learn ,MySQL, MongoDB, HTML, CSS, React, Git, GitHub

SOFT SKILLS

Communication , Leadership, Problem Solving, Collaboration, Creativity

REFERENCE

Mrs.Tharindi Athukorala

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