

Prarthana Sewmini

Prarthanasewmini2001@gmail.com | www.linkedin.com/in/prarthanasg | <https://gkprarthana.github.io/prarthana/>

SUMMARY

I am a third year undergraduate student pursuing a BSc (Hons) in Data Science and Business Analytics at KDU-Ratmalana. I am passionate about Artificial Intelligence, Machine Learning, Data science, and other related areas. I am committed to becoming an expert in the industry and creating a better impact on society through my work.

PROJECTS

GitHub Link : <https://github.com/GKPrarthana>

House Price Prediction using R

Utilized machine learning techniques, including linear regression, to predict house prices based on various features such as square footage, number of bedrooms, and location. The project achieved an accuracy of 75% in predicting house prices, providing valuable insights for real estate investors and home buyers.

Personal Loan Approval using Python

Developed a machine learning model using algorithms to predict the approval of personal loans for a financial institution. The model took into account factors such as credit score, income, and employment history, resulting in a 58% accuracy rate in predicting loan approvals and helping the institution to streamline its lending process.

t-20 Cricket Score Predictor

Todo List App using HTML and CSS

Created a web-based Todo list application using HTML and CSS, providing users with a simple and intuitive interface to manage their tasks. The app allows users to add, edit, and delete tasks, as well as mark them as completed. The project demonstrates user interface design.

Simple Math Game using HTML and CSS

Designed and developed a simple math game using HTML and CSS, providing users with a fun and interactive way to practice their math skills. The game generates random math problems and challenges users to solve them within a set time limit. The project showcases skills in front-end web development and game design.

Emotion Recognition in Speeches (ongoing)

EDUCATION

University

- BSc (Hons) in Data Science and Business Analytics
General Sir John Kotelawala Defence University | 2022 – Present

College

- Physical Science Stream
Anula Vidyalaya, Nugegoda | 2011-2020

CERTIFICATIONS

- Create Image Captioning Models - Google
- Introduction to Packet-Tracer – CISCO
- CCNAV7: Introduction to Networks - CISCO
- SQL(Basic) - Hackerrank
- Problem Solving Skills (Basic) – Hackerrank

INVOLVEMENT

Member, Data Science Society – KDU | September 2023 - Present

- Participate in data science workshops, hackathons, and other events
- Collaborate with fellow students on data science projects and initiatives
- Contribute to the data science community by sharing knowledge and resources

Member, LEO Club of Colombo(Host) | November 2023 – Present

- Host an event (Sneha charika)

Media circle, Anula Vidyalaya Youth Association | January 2022 – Present

SKILLS

Knowledge:

Deep Learning, Artificial Intelligence (AI), Business Intelligence (BI), Machine Learning, Data Science, Information Technology, Programming, Data Visualization, Data Analytics

Tools & Technologies:

MySQL, Git, Visual Studio, R (Programming Language), SQL, Databases, HTML, JavaScript, C++, PyTorch, Python, Jupyter notebook, TensorFlow

Interpersonal Skills:

Attention to Detail, Analytical Skills, Team Management, collaboration

Languages: English, Sinhalese