



KANCHANA KARUNARATHNA

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https://kanch-prog.github.io/Portfolio_Data_Analysis/

Skills & abilities

- Competent in Python for data analysis with libraries like Pandas, NumPy, Matplotlib and Seaborn.
- Exploring time-series analysis concepts using Python.
- Familiar in MySQL/SQL for data analysis tasks including data filtering and basic aggregation.
- Competent in EDA.
- Basic understanding in predication and forecasting with Machine Learning.
- Exploring web development using frameworks like Django and Flask.
- Beginner level dashboard development with Plotly and DJ3.
- Experimenting with web crawling and data extraction tasks.

Experience

TELFORD INTERNATIONAL SCHOOL, GALLE

Secondary Math Teacher | October 2021 - Present

- Teaching Mathematics from Grades 7 to 11 National Curriculum.
- Teaching Mathematics Edexcel IGCSE Curriculum Grade 6 to 9.
- Teaching Physics Edexcel IGCSE Curriculum Grade 8.
- A class teacher, Prefects Board In-charge.

THIRD SPACE GLOBAL

Online Math Tutor | October 2021 – March 2023

- One- to One live Math tutoring sessions for Primary and Secondary (GCSE Revision) students.

ASIAN INTERNATIONAL SCHOOL, COL 06

Physics Teacher | March 2018 – November 2018

- Teaching Physics from Forms 1 to 3.
- Teaching Science for Primary 4 and 5
- Assisting Gir Guides Program.

SHIPXPRESS, A GE TRANSPORTATION COMPANY

Operations Associate | October 2015 – March 2018

- Collaborated with IT, management, and data scientists to define project goals and requirements.
- Extracted and cleaned data from diverse sources to ensure accuracy and consistency.

- Identified opportunities for process enhancement through data analysis and automation.
- Presented clear and insightful data reports and visualizations to stakeholders.
- Developed automation solutions for daily tasks to streamline operations and improve efficiency.

BANK OF CEYLON

Internship Placement| August 2014 – February 2015

- Assisting in Customer help, Personal Banking Unit, ATM services, Cheque clearing and Credit Line, Dispatching, Sending Mails, Business development activities, assisting in organizing, Coordinating activities, events.

Education

UNVIERSITY OF COLOMBO - 2015

Colombo, SL | BSc. In Physical Science

Earned 3.25 GPA following Applied Mathematics, Physics, Chemistry and Computer Science as main subjects.

UNVIERSITY OF UVA WELLASSA – 2024 expected

Badulla, SL | Master in Information Technology

Reading 2nd semester

Certifications

UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

- **Java Application Development Using JavaSE (April 2017)**
- **Training Course on Software Quality Assurance Using Test Automation Frameworks (April 2017)**

Volunteer

INTERNATIONAL CONVENTION ON QC CIRCLES (SLAAS) - Conference Assistant

HUMAN RIGHTS COMMISSION OF SRI LANKA (January 2014)

- Education & Special Programs Division
- Organizing HRCSL staff capacity building programs, Complaint hearing, Sorting and listing out reports, assisted in Drafting and editing reports, Summarizing Reports, Answering the phone, Transcribing notes