



# CHAMOD KANDAGE

Data Scientist

Data analytics and Data science professional with 2+ years of industry experience, specializing in the delivery of impactful, data-driven solutions. Currently pursuing a Master's in Business Analytics at UCSC, I leverage a strong foundation in Python, machine learning, and business intelligence to solve complex problems, drive growth, and optimize performance.

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📍 Horana, Western Province

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## Skills

- **Data Visualization** (Power BI, Tableau)
- **Machine Learning** (Supervised & Unsupervised Learning)
- **Programming Languages** (Python, R)
- **Text Analytics** (Text Preprocessing, Sentiment Analysis)
- **Database Management** (SQL, Relational Databases)
- **Data Analysis and Statistical Modelling**
- **Data Simulation** (NetLogo)
- **Data Mining**
- **Process Mining**
- **Teamwork and collaboration**
- **Problem-solving**
- **Critical Thinking**
- **Adaptability**

## Educational Background

### Master of Business Analytics - Data Science University of Colombo School of Computing

2024 - Present

- Current GPA: **3.8** (After 3<sup>rd</sup> Semester)

### BSc in Physical Science University of Sri Jayawardenepura

2020 - 2023

- Covering **Statistics, Mathematics and Economics**

### Diploma in IT University of Colombo School of Computing

2021 - 2022

## Certifications

### IBM Data Science Professional Certificate

### CIMA Certificate in Business Accounting

Contact ID- 1-4ELOKY9

### Process Mining: Data science in Action

### Microsoft Azure Machine Learning

### Data Analytics with Power BI

## Achievements

### Star Innovator - Ascent Business Solutions

For acing innovation and helping clients become greater than

### NDB Battle of The Brains, 2023

Runner-up

## Work Experience

### Analyst - Ascent Business Solutions

2025 Sep - Present

### Deputy Analyst - Ascent Business Solutions

2024 Sep - 2025 Sep

- Gathered, analyzed, and interpreted data to identify trends, patterns, and opportunities for process improvements.
- Developed machine learning models to forecast supply chain workforce demand, enabling proactive staffing decisions and optimizing resource allocation
- Designed and implemented over 30 dashboards, delivering actionable insights into supply chain and logistics performance.
- Managed and maintained over 100 operational dashboards to ensure smooth and effective daily operations.
- Improved operational efficiency across business clusters by automating manual reports and data extraction processes, resulting in the streamlining of workflows and significant savings in FTE hours.
- Developed and deployed integrated systems (5+ projects) utilizing the Power Platform (Power Apps, Power Automate, Power BI) to streamline operations.

### Intern - Technical (Data Analytics), MAS Bodyline

2024 Apr - 2024 Sep

- Developed a machine learning model to identify the optimum sewing technicians for each style, improving operational performance.
- Conducted a lead time analysis for PDC, identifying potential bottlenecks and proposing improvements for enhanced productivity.
- Developed more than 20 customized Power BI dashboards for various stakeholders.
- Established a Digital Corner for the sample room, enhancing stakeholder connectivity.

## Personal Projects

### A Data-Driven Strategy for Sri Lanka to Achieve a 10 Billion USD in Annual Exports

- Spearheaded a data-driven strategy project aimed at increasing Sri Lanka's annual exports to a target of 10 billion USD.
- Conducted end-to-end data collection, wrangling, and utilized descriptive analysis and Time Series forecasting to generate predictions and strategic solutions.

### Agent-Based Supermarket Simulation (NetLogo)

- Developed an agent-based simulation in NetLogo to model customer queue behavior, optimizing checkout counter allocation and reducing revenue loss from customer dropouts.
- Implemented real-time income tracking and behavioral algorithms, enabling analysis of service efficiency bottlenecks under varying customer loads

### IMDB & Twitter Sentiment Analysis

- Conducted a large-scale Text Analytics project on IMDB and Twitter datasets (1.65M records) to perform domain-specific Sentiment Analysis and Exploratory Data Analysis (EDA).
- Applied NLP, including N-gram analysis, to extract sentiment features and inform Binary Classification model development.