



# JAYANATH JAYARATHNA

## JUNIOR DATA ANALYST

### CONTACT INFORMATION

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<https://resumej.streamlit.app/>

### TECHNICAL SKILLS

- Programming: Python (Pandas, NumPy, Scikit-learn, NLTK), SQL (MySQL, PostgreSQL), Excel
- Machine Learning: TensorFlow, Keras, Random Forest, Logistic Regression
- Data Visualization: Power BI, Matplotlib, Streamlit
- Other: LangChain, Generative AI (RAG), Google Sheets, Web Development, n8n, Flowise AI, chatbot

### SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

### LANGUAGES

- English (Fluent)
- Sinhala (Native)



### PROFESSIONAL SUMMARY

- Junior Data Analyst with expertise in Python, SQL, and Power BI, backed by 21 years of logistics operations experience.
- Skilled in predictive modeling, data visualization, and delivering actionable insights, with a proven track record of increasing customer satisfaction by 20%.
- Seeking to leverage analytical expertise and MBA in Data Science to drive strategic outcomes in a European organization.

### WORK EXPERIENCE

Logistics Operations Manager

Sri Lanka Railway Department, Sri Lanka

2002 – 2023

- Optimized operational workflows, reducing delays by 15% through data-driven decision-making.
- Managed a team of 20+ employees, demonstrating leadership and effective communication.
- Analyzed operational data to identify inefficiencies and implement corrective actions.



### PROJECTS

Breast Cancer Prediction

NOV 2024 - DEC 2024

- Developed a web application using Streamlit and a Kaggle dataset of 500+ patient records to predict tumor malignancy with 92% accuracy.
- Utilized Google Colab for data preprocessing and trained a logistic regression model with Scikit-learn.

Customer Feedback Analysis

OCT 2024 - NOV 2024

- Performed sentiment analysis on 1,000+ customer responses using Python (NLTK, TextBlob) and visualized trends with Matplotlib.
- Delivered actionable insights to Saheli Beauty Mart, leading to a 20% increase in customer satisfaction within three months.

### EDUCATION

**MBA in Data Science**

2023 - 2024

Business and Hospitality School in Switzerland

**Bachelor of Computer Science**

2002 - 2006

University of Kelaniya Sri Lanka

**Advanced National Diploma in Business Management**  
Management Qualifications - UK

2015-2016

### KEY ACHIEVEMENTS

- Achieved 85% accuracy in customer churn prediction during BCG Data Science Job Simulation on Forage (June 2024).
- Successfully transitioned from logistics to data science, completing 5+ projects and mastering Python, SQL, and Power BI within one year.