



# JAYANATH JAYARATHNA

## JUNIOR DATA ANALYST

### CONTACT

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### SOFT SKILLS

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

### TECH SKILLS

- Python (Expert)
- Machine Learning (Expert)
- Generative AI(RAG)
- Deep learning
- Ollama models
- Google sheet, Google form
- Power BI
- SQL, MySQL, Excel
- Langchain
- Web Development
- Building AI Agent(n8n)

### LANGUAGES

- English (Fluent)
- Sinhala (Native)



### PROFILE

A seasoned professional with a solid foundation in physical sciences and 21 years of experience in logistics and operations management with the Sri Lanka Railway Department. Transitioned into data science, combining analytical expertise with a passion for uncovering actionable insights. Proficient in Python, SQL, and Power BI, and skilled at delivering impactful data-driven solutions. Currently seeking a data analyst role in Europe to transform data into strategic business outcomes.



### EDUCATION

<b>MBA in Data Science</b>	2023 - 2024
Business and hospitality school in switzerland	
<b>Bachelor of computer science</b>	2002 - 2006
University of Kelaniya Sri Lanka	
<b>Advance National Diploma in Business Management</b>	2015-2016
management qualifications - UK	



### PROJECTS

<b>Brest Cancer Prediction</b>	NOV 2024 - DEC 2024
Developed an interactive cancer prediction web application to assist in identifying whether a tumor is benign or malignant. The project leveraged a Kaggle dataset, Google Colab for data preprocessing, and Streamlit for web application development.	
<b>Customer Feedback Analysis</b>	OCT 2024 - NOV 2024
<ul style="list-style-type: none"><li>- Conducted sentiment analysis on survey data for Saheli Beauty Mart to identify service improvement areas.</li><li>- Used Python libraries (NLTK, Matplotlib) to present findings in a clear, visual format.</li><li>- Delivered a 20% increase in customer satisfaction by implementing suggested changes.</li></ul>	



### KEY ACHIEVEMENTS

- Successfully transitioned from logistics to data science, mastering technical tools and concepts.
- BCG Data Science Job Simulation on Forage - June 2024
  - Conducted customer churn analysis for XYZ Analytics, utilizing Python (Pandas, NumPy) and data visualization to identify trends and actionable insights.
  - Engineered and optimized a random forest model, achieving 85% accuracy in churn prediction.
  - Delivered a concise executive summary to inform strategic decision-making.