

J.G.Binuri Minoshi Jayasinghe

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 <https://www.notion.so/Binuri-Jayasinghe-Data-Analyst-Portfolio-220878023a138090a7b9e0f77d39f2d6>

 <https://github.com/Binuri321>  www.linkedin.com/in/binuri-jayasinghe

Professional Summary

I am a passionate and results-driven final-year Applied Data Science undergraduate with a strong foundation in data analysis, programming, and communication and with strong experience in building dashboards, designing data models, creating DAX measures, and transforming complex datasets into interactive insights. I thrive in challenging, dynamic environments, applying analytical skills to solve real-world problems. I am eager to contribute and grow in dynamic professional settings, and my strong background reflects discipline, teamwork, and adaptability, which enable me to excel in both professional and personal pursuits.

Education

SLIIT University - Malabe Jan 2023 – Present
BSc Hons. Specializing in Data Science

- **GPA:** 3.5/4.0

Rathnawali Balika Vidyalaya , Gampaha Jan 2019 – Dec 2022
◦ G.C.E. Advanced Level Examination 2021 (2022) : Engineering Technology Stream

Yasodara Devi Balika Vidyalaya , Gampaha
◦ G.C.E. Ordinary Level Examination 2018) (English Medium) Jan 2013 – Dec 2018

Corporate Experiences

Twinery,Innovations by MAS June 2025–Present
Intern - Data Science and Analytics

- Supported business analysis and digital transformation initiatives using the Microsoft Power Platform (Power BI, Power Apps, Power Automate).
- Designed and developed interactive Power BI dashboards and automated workflows to optimize internal processes.
- Built low-code applications as functional solutions for internal teams.
- Assisted in data analysis and visualization using Power BI and Python for trend reporting and KPI tracking.
- Created comprehensive documentation and presentations for project updates, system demonstrations, and executive reporting.
- Utilized Excel ,Word and sharepoint for data modeling, reporting templates, and standard operating procedures. Work with Fact and Dimension tables and Dataverse for real world projects

Languages and Technologies

Communication Languages: Sinhala (Native), English **Programming Languages:** Python, SQL, R

Technologies: Microsoft Office Package, Power BI, Power Apps, Power Automate, Report Builder, Power BI Report Builder, Matplotlib, Scikit-learn, NumPy, Pandas

Projects

Corporate Level

- **Quotation Tracker App:** Built a Power Apps-based solution with Power Automate to reduce manual entry and errors in quotation tracking.
- **Warranty Submission Tracker:** Developed an app to manage and monitor warranty submissions for machine-related sales using Power Apps and Power Automate.
- **Sales Monitoring Dashboard:** Created and maintained a Power BI dashboard to analyze and visualize machine builds and repair sales performance.
- **PO and DIFOT Tracker App:** Developed an app to manage and monitor Purchase Orders for MAS Holdings using Power Apps, Power Automate and Dataverse

Academic Level

- **Hotel Bookings Cancellation Prediction System:** Built classification models (DecisionTreeClassifier, RandomForestClassifier, ExtraTreesClassifier, StackingClassifier) on the Hotel Booking Cancellation dataset and developed an interactive Prediction WebApp using Streamlit with interactive frontend.
- **Research Paper Helper Chatbot :** Created an AI Chatbot with Search Agent, Summarizer Agent and Citation Agent to help academic researchers and students by searching, summarizing and generating citations about research papers.

Personal Projects

◦ **E-COMMERCE ANALYSIS- Personal Project:**

- Analyzed large e-commerce sales datasets using Excel and SQL to identify top-performing products and customer segments.
- Developed interactive dashboards in Power BI using DAX functions to visualize sales trends, product performance, and regional distribution.
- Compared actual sales against budget targets, highlighting areas of over- and under-performance for management decision making.
- Provided business insights and recommendations for targeted promotions and inventory optimization

◦ **CUSTOMER SEGMENTATION (RFM ANALYSIS) – Personal Project:**

- Applied RFM (Recency, Frequency, Monetary) analysis to segment customers based on purchasing behavior. Identified high-value, loyal, and at-risk customer groups to support targeted marketing strategies and customer retention. Visualized customer segments and engagement patterns using Power BI dashboards and DAX functions for business reporting.
- Recommended personalized campaigns to improve customer loyalty and increase customer lifetime value

◦ **SALES ANALYSIS- Personal Project:**

- Cleaned, organized, and analyzed multi-year sales data to uncover revenue trends and seasonal patterns.
- Created dynamic dashboards in Power BI for real-time sales monitoring and management reporting.
- Segmented sales by product, region, and customer to identify growth opportunities and support strategic planning.
- Delivered actionable insights that informed sales forecasting and business development strategies

References

Mrs.Uthpala Samarakoon
Senior Lecturer, Faculty of
Computing, Department of
Information Technology , Sri
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