

# J.G.Binuri Minoshi Jayasinghe

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🔗 [https://www.notion.so/Binuri-Jayasinghe-Data-Analyst-Portfolio-](https://www.notion.so/Binuri-Jayasinghe-Data-Analyst-Portfolio-220878023a138090a7b9e0f77d39f2d6)

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🔗 <https://github.com/Binuri321>    [www.linkedin.com/in/binuri-jayasinghe](https://www.linkedin.com/in/binuri-jayasinghe)

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## Professional Summary

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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

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### SLIIT University - Malabe

BSc Hons. Specializing in Data Science

Jan 2023 – Present

- **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

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### Twinery,Innovations by MAS

Intern - Data Science and Analytics

June2025–Present

- 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

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**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

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## 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

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