

Binura Yasodya

binurayasodya24@gmail.com | [Github](#) | [LinkedIn](#) | +94 76 721 1970

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT).

Bsc(Hons) in Data Science, 2020 - 2023

Completed with Second class

P De S Kularathne College Ambalangoda, Sri Lanka

Physical Sciences - Mathematics 2009 - 2016

Completed one-year advanced English

Diploma at The Beeline English Academy, Matara, Sri Lanka.

Diploma Program, 2018 – 2019

EXPERIENCE

Data Scientist, DIALOG AXIATA PLC, Colombo, Sri Lanka. - Aug 2024 – Present

ETL - Facebook Ad Campaign Data to BigQuery

- Developed Facebook Campaign Ads data integration into BigQuery using Google Cloud Functions, significantly reducing monthly costs and enhancing efficiency in marketing data analysis.[Python, BigQuery, Google cloud]

Bitly Click Tracking with Cloud-Based Automation

- Developed a Google Cloud Function to automate daily Bitly link tracking, integrating directly with Google Sheets for real-time analytics [Python, Bitly API, Google Cloud Functions]

Web Scraping - Meta Ad-library

- Built a data scraper to collect Facebook ad text and media details with database integration and a Streamlit interface [Python, Selenium, BeautifulSoup, Pandas, SQLAlchemy, Streamlit, MySQL]

Data Scientist Intern, MAS CAPITAL, Colombo, Sri Lanka.

March 2023 – October 2023 · 8 mos

MAS Bodyline Airfreight Analytic Solution

- Automated air freight analytics dashboard using Python and Power BI, streamlining ETL processes and reducing airfreight delays by 15%. [PowerBi, Python, Power Automate]

MAS Intimates Inventory Provisioning Analysis

- Developed an inventory provisioning dashboard for MAS Intimates using Python and Power BI, optimizing raw material costs, and decreasing provisions by 10% [PowerBi, Python, Jupyter Notebook]

PROJECTS

Customer churn prediction

- Compared the accuracies of 5 ML models and optimized hyper-parameters using GridSearchCV

RAG Application for PDF Querying

- Developed a RAG [application](#) for querying information from uploaded PDFs using LangChain, OpenAI, and FAISS(Vectordb). Designed Streamlit interface, allows for document uploads and accurate information retrieval. [Langchain, OpenAI, FAISS, Streamlit, Huggingface]

Data Warehousing &BI project

- Developed a Vehicle Selling Analytic System, including data warehouse creation, ETL development, and OLAP cubes. Delivered BI solutions using Power BI, and utilized SSIS, SSAS, and SSRS for data integration, analysis, and reporting [Python, SSIS, SSRS, SSAS, PowerBi, MSSQL]

ACADEMIC RESEARCH

Python Library for Sinhala Text Data

- Built a Python library for cleaning, profiling, and preprocessing Sinhala text data using automated pipelines. Published the library on PyPI (Python Package Index), enabling easy integration and usage within the Python ecosystem.

ACHIEVEMENTS

- Runner-up in the MAS Holdings Industrial Hackathon
- In the dean's list of SLIIT in 1st year 1st semester
- Selected to the best 08 candidates out of 100+ applicants for LEAD Program which conducted by AIESEC SLIIT

TECHNICAL SKILLS

- Frameworks and Tools: Streamlit, Tensorflow, Langchain, llamaindex, PySpark, Azure, BigQuery, GCP, Scrapy
- Languages: Python, SQL, Java