

DINASHI PABASARA

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SUMMARY

Data Science graduate from SLIIT (2021–2025) with a strong academic foundation in machine learning, deep learning, and data analytics. Passionate about turning raw data into actionable insights through statistical analysis and predictive modeling. Skilled in Python, SQL, and data visualization tools. Eager to contribute to data-driven decision-making and solve real-world problems using advanced analytical techniques.

WORK EXPERIENCE

Intern Data scientist, Bank Of Ceylon Head office	July 2024 - Jan 2025
<ul style="list-style-type: none">Assisted in data extraction, transformation, and loading (ETL) processes for the enterprise data warehousing system, improving data availability for analytics.Developed and tested machine learning models to support predictive analysis for the asset management system, enhancing decision-making efficiency.Collaborated with the enterprise team on a data lake integration project, contributing to scalable storage solutions for structured and unstructured data.Designed and implemented Power BI dashboards to visualize operational and financial data, enabling key business stakeholders to monitor KPIs in real-time.Participated in cross-functional meetings to understand data needs and align solutions with organizational goals.	

EDUCATION

Sri Lanka Institute of Information Technology Faculty Of Computer Science <ul style="list-style-type: none">Specialized in Data Science (3.58/4.0 GPA)	June 2021 - June 2025
Sujatha Vidyalaya Matara GCE Ordinary Level Examination (2017) <ul style="list-style-type: none">9'As GCE Advanced Level Examination (2020) <ul style="list-style-type: none">Specialized in Physical Science Stream	Jan 2017 - Dec 2020
Esoft Metro Campus Diploma in English <ul style="list-style-type: none">Focused on communication, writing, and grammar.	Mar 2018 - Sep 2018

PROJECTS

E-commerce Chatbot <ul style="list-style-type: none">Python, NLP, LLMs, PyTorch	Smart Elevator Prioritizing System <ul style="list-style-type: none">Face-recognition, Reinforcement Learning, Python, Deepface, OpenCv
Diabetes Prediction System <ul style="list-style-type: none">Jupyter, Tensorflow, Python, Streamlit	Enterprise Data Platform for Banking <ul style="list-style-type: none">Built a hybrid Data Lake & Warehouse System

SKILLS

- **Programming Languages:** Python, SQL, JavaScript
 - **Data Science & ML:** Machine Learning, Deep Learning, NLP, Reinforcement Learning, PyTorch, AI, LLM, Prompt Engineering, Transformers, LangChain
 - **Data Tools:** Pandas, NumPy, Scikit-learn, Streamlit
 - **Computer Vision:** OpenCV, DeepFace
 - **Business Intelligence:** Power BI, Data Warehousing, Data Lakes, Excel, Azure, AWS
 - **Web & App Development:** Java, Flutter, HTML, CSS, JavaScript, PHP, FastAPI, Docker
 - **Soft Skills:** Problem-Solving, Communication, Team Collaboration
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CERTIFICATIONS

June 2025 - Sep 2025

- IBM Data Analyst Professional Certificate
- Deep Learning Specialization – DeepLearning.AI
- Generative AI Engineering with LLMs – IBM & IEEE
- Research Publication (Smart Elevator System Through Machine Learning For Optimal Efficiency and User Experience) – IEEE ICCCNT Conference