KAVINDYA GNANATHILAKE

Phone: +94702542642
Email: kavindyagnanathilake@gmail.com
Address: Kandy Road, Thammennapura, Anuradhapura
LinkedIn: https://www.linkedin.com/in/kavindya-gnanathilake/
GitHub: https://github.com/KavindyaGnanathilake

SUMMARY

I am a motivated Data Science graduate with a strong interest in working with data to understand patterns and support better decision-making. Through my studies and projects, I have gained experience in Python, SQL, data analysis, and machine learning. I am eager to start my career, learning, growing, and contributing meaningfully to real-world projects.

WORK EXPERIENCE

Supply Chain Management Researcher - John Keels Logistics Ederamulla   Jun 2024 - May 2025
- Developed predictive models (Python) to reduce inventory costs
- Collaborated with cross-functional teams to refine forecasting models, improving accuracy

Intern - Data Research Analyst - Adventus International Organization   Oct 2023 - May 2024
- Built Python scripts for Selenium automation, improving data extraction efficiency
- Applied ETL principles to extract, clean, and transform university data from web sources, enabling efficient integration into internal systems.
- Debugged automation scripts, reducing runtime

EDUCATION

BSc (Hons) in Information Technology – Data Science   June 2021- June 2025
Sri Lanka Institute of Information Technology (SLIIT)
Status: Officially Graduated
- Key Focus Areas: Data Mining & Machine Learning, Big Data Analytics, Predictive Modeling, Data Visualization, Database Systems

BSc in Physical Science (Mathematics & Computer Science)   Nov 2022- Nov 2025
Eastern University, Sri Lanka (EUSL)
Status: All examinations completed
- Key Focus Areas: Advanced Mathematics & Statistics, Algorithms & Programming, Computational Problem Solving

KEY TECHNICAL SKILLS

- **Programming & Data:** Python (Pandas, NumPy, Matplotlib, Seaborn)
  SQL (MySQL, PostgreSQL – basic to intermediate)
  Data Cleaning, Feature Engineering, EDA
- **Data & ML:** Machine Learning: Regression, Classification, Random Forest, SVM
  Basic Deep Learning concepts
  Model Evaluation & Optimization
- **Tools & Platforms:** Power BI / Tableau (basic dashboards), Jupyter Notebook, VS Code, Git & GitHub, Excel (Data analysis, Pivot tables)

CERTIFICATES

- Microsoft Badge for Power BI - 2023 Microsoft
- Foundation of Data Science - 2023 Great Learning Academy
- Data Analysis using PySpark -2023 Great Learning Academy
- PyCharm for Beginners - 2023 Great Learning Academy

ACADEMIC & PRACTICAL PROJECTS

Warehouse Efficiency Management Using Machine Learning

- Built demand and return prediction models using historical warehouse data
- Applied data preprocessing, feature selection, and ML algorithms
- Focused on improving inventory efficiency and reducing overstock/understock
- Tools: Python, Pandas, Scikit-learn

Data Mining Project – Diabetes Prediction

- Implemented ML models (Random Forest, SVM, Logistic Regression)
- Evaluated performance using accuracy, precision, recall
- Tools: Python, Jupyter Notebook

Movie Recommendation System

- Developed a content-based recommendation system
- Performed data preprocessing and similarity analysis
- Tools: Python, Streamlit

SOFT SKILLS

- Analytical Thinking │ Problem Solving │ Research & Documentation │ Strong Mathematical Reasoning │ Continuous Learner

OTHER EXPERIENCES

- Medium Article Writer-Here I write articles about technical concepts
Link: https://medium.com/@kavindyagnanathilake

REFERENCES

Mr. Dilendra Peiris
 Dilendra Peiris
 Global Head of Growth, Idia Corp. Australia.
Lecturer / Management Consultant

Phone: +94 72677 3226
Email: dilendra.peiris123@gmail.com /
        dilendra@idia.au

Relationship: Internship Supervisor during my placement at Adventus.io

Mr. Prasanna S. Haddela
Senior Lecturer
SLIIT Malabe Campus, New Kandy Road, Malabe, Sri Lanka.

Phone: +94 11754 4126
Email: prasanna.s@sliit.lk

Relationship: Academic Mentor and Data Science Coordinator during my undergraduate studies at SLIIT