Yubraj Tamang

DATA SCIENTIST AND NETWORK ENGINEER

Contact

Phone: +977 9767410777
Email: yt60015@gmail.com
Address: Kathmandu, Nepal
LinkedIn: www.linkedin.com/in/yubraj-tamang/
Website: www.tamangyubraj.com.np
GitHub: github.com/Yubraj-Tamang/

Summary

Skilled in data science and network engineering, with expertise in machine learning, data analysis, and network infrastructure management.

TECHNICAL SKILLS

- **Networking & Cybersecurity:** Experienced in network design, configuration, and troubleshooting (TCP/IP, Routing & Switching, Subnetting, Network Security). Proficient with Nmap, Wireshark, and Cisco Packet Tracer.
- **Programming & Data:** Skilled in Python for data manipulation, analysis, and machine learning (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn). Adept at SQL for data extraction and optimization (MySQL, Google Sheets).
- **Machine Learning & Visualization:** Hands-on experience with supervised and unsupervised learning models (Linear/Logistic Regression, K-Means, Decision Trees). Creates clear data insights using Tableau, Matplotlib, and Seaborn.

Projects - GitHub

Network Performance Analysis and Security Assessment
Research Project | [NCMT COLLEGE] [2nd year 3rd semester]
- Analyzed network performance and security using Wireshark and Nmap.
- Simulated topologies in Cisco Packet Tracer to assess routing and threat resilience.
- Identified vulnerabilities, measured latency and throughput, and proposed mitigation strategies.
- Gained practical insights into secure and efficient network design.

Economic Dataset EDA & Cleaning
This project involves exploratory data analysis (EDA) and data cleaning on an economic dataset. The aim is handling missing values, removing inconsistencies, and uncovering insights through statistical summaries and visualizations.

Car Dataset: Exploratory Data Analysis (EDA)
This project performs exploratory data analysis (EDA) on a car dataset. The goal is to understand the features, clean the data, identify patterns and insights, and prepare it for future machine learning or business intelligence tasks.

Academic History

Lincoln University College, NCMT COLLEGE | 2022 - present
Bachelor of Information and Technology (BIT)

ACTIVITIES

- Participant in Hackathons – Competed in CodeYatra (2025) hackathons, solving real-world data problems using Python and Machine Learning.
- Mentor at NCMT HACKATHON (2025) – Guided participants in data analysis and machine learning techniques, helping them build data-driven solutions.