RIZA NAWAL NURRIADI

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Bandung, Indonesia

A fresh graduate of Telkom University with a Bachelor's degree in Informatics, equipped with experience in data analysis gained through a previous internship at Graha Merah Putih Telkom, Bandung within the IT division. Proficient in exploring and analyzing data. understanding various machine learning algorithms, and capable of implementing them in the Python programming environment. Eager to continue learning and growing, with a readiness to contribute positively in a dynamic and collaborative work environment.

Experience

Data Analysis Intern | IT Division   May – July 2023
Graha Merah Putih Telkom Bandung – Bandung, Indonesia

- Utilizing Tableau to process and visualize data
- Analyzing data using various visualizations such as bar charts, line graphs, and maps
- Designing and developing interactive dashboards to facilitate understanding of data patterns and decision-making

Freelance   August – Now
Gamma Metric – Bandung, Indonesia

- Developed an automated system for creating sub-accounts based on client-selected options, eliminating the need for manual data entry.
- Compiled reports on the performance and outcomes of the system, presenting findings to the division head for evaluation and further improvements.

Education

Telkom University – Bandung, Indonesia   2020– 2024
Bachelor's Degree in Informatics

- Studied various core courses in the field of Informatics, such as Data Structures, Programming, Statistics, Machine Learning, and Data Visualization
- Actively participated in course projects, both individually and as part of a team, involving software development, data analysis, and algorithm implementation
- Applied Machine Learning concepts in course projects
- Completed the degree within a timeframe of 3.5 years

Projects

Final Project   September– November 2023
Performance of Time–Based Feature Expansion Classification Method for Predicting Disease Spread

- Using Python Programming Language
- Utilizing Jupyter and Google Colab for the research process
- Evaluate and compare the effectiveness of the Support Vector Machine (SVM) and Deep Neural Network (DNN) algorithms to predict the spread of dengue fever and COVID-19.
- Developed and implemented advanced Time–Based Feature Expansion engineering techniques, to improve the predictive accuracy of both SVM and DNN models.
- Visualize the results using various data visualization techniques, such as diagrams, graphs, and plots, to facilitate understanding.

Organization

Permib Economy Project – Bandung, Indonesia   January – May 2022
Public Relations Division

- Establish cooperation with Media Partners
- Manage Social Media accounts
- Build Communication between divisions

Skills and Certificates

- **Skills:** Data Science, Python programming language, Data Analytics, Critical Thinking, Logical Thinking, Collaboration, Time management, and Integrity
- **Certificate:** IT Support Google (Coursera), competent in basic skills, including troubleshooting and customer service, networking, operating systems, system administration, and security, 2022
- **Certificate:** Machine Learning Foundations: A Case Study Approach, University of Washington, 2023
- **Certificate:** Intro to Data Analytics, RevoU, 2023
- **Certificate:** Databases and SQL for Data Science with Python, 2024
- **Certificate:** TOEFL ITP (500), 2024 – 2026