

# VINCENT RICHIE COADRY

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I am an undergraduate student majoring in Information System at Universitas Multimedia Nusantara, currently pursuing a specialization in Big Data. Throughout my academic career, i have gained numerous experience and have been actively involved in student organizations. I am skilled in JavaScript, HTML, CSS, SQL, Python and familiar with tools such as Google BigQuery, PowerBI, Tableau, and SAS.

## EXPERIENCE

### International Moving Image Conference 2023 - Usher

Tangerang, Indonesia

- Managed and coordinated international guests and event participants, supporting the smooth execution of the event and maintaining professional service quality.
- Worked closely with team members and vendors, improving teamwork, communication, and quick decision-making.
- Gained valuable experience in handling large activities, improving problem-solving skills and adaptability in high-pressure situations.

### Information System Festival 2024 - Registration

Tangerang, Indonesia

- Managed the participants registration process, supporting efficient data management and streamlined participant experience.
- Coordinated closely with team members to manage participant data, provide updates, and ensure clear communication.
- Gained significant experience in handling participant, strengthening my communication, organization and multitasking skills.

## PROJECT

### Diabetes Prediction Using Machine Learning (KKN vs XGBoost)

Python

Developed comprehensive models to predict diabetes using the BRFSS 2021 Diabetes Binary Health Indicator dataset. Performed data preprocessing including outlier capping, normalization, encoding, and class balancing with SMOTE, followed by exploratory analysis of key health indicators such as BMI, age, physical activity, and blood pressure. Achieved 97.16% accuracy with KNN and 95.32% with XGBoost.

### Indonesia Education Dashboard Visualization

Tableau

Developed an interactive Tableau dashboard to analyze Indonesia's education data, including school distribution, teacher allocation, student dropout levels, and repeating student trends. Created visualizations such as maps, pie charts, bar charts, scatter plots, treemaps, and forecasting lines. Implemented filters, parameters, and interactive elements to enhance user exploration and deliver insights for education planning.

### UAE Used Car Visual Analytics & Price Modeling

SAS

Developed interactive KPI dashboards and advanced visual analytics in SAS Viya for a 10,000 UAE used car dataset, including sentiment, path, and network analysis to uncover customer preferences for body type, fuel type, transmission, and brand. Built and evaluated a linear regression model to analyze key price drivers using t-values, SBC, and, fit statistics to support data-driven pricing and decision-making.

## EDUCATION

### SMA Kristen Bina Kasih

2020 - 2023

Jambi, Indonesia

### Universitas Multimedia Nusantara

2023 - Present

Tangerang, Indonesia

## SKILLS

- |        |                   |           |
|--------|-------------------|-----------|
| • Java | • Python          | • PowerBI |
| • HTML | • SQL             | • Tableau |
| • CSS  | • Google BigQuery | • SAS     |