ALFRIANDO C VEAN

Data Scientist | Data Analyst

Jakarta | +6281278548236 | alfriandocv@gmail.com | LinkedIn | GitHub

SUMMARY

A passionate Data Analyst and aspiring Data Scientist with a strong foundation in data processing, machine learning, and data visualization. Experienced in transforming raw data into meaningful insights through SQL, Python, and dashboarding tools. Demonstrated success in analyzing business data from several sectors, optimizing workflows, and building predictive models that support strategic decisions.

WORK EXPERIENCE

PT. Bank Muamalat Indonesia Tbk
Business Intelligence Analyst – Project-Based Virtual Intern (Bank Muamalat X Rakamin Academy)
May 2025 – June 2025

- **Consolidated and transformed** multiple transactional data sources into a clean master dataset containing over **3K+ records**.
- **Developed interactive dashboards** in Looker Studio that visualized key metrics such as revenue growth and customer retention, improving report accessibility by **40%**.
- **Delivered actionable insights** to support executive decision-making and optimize data accuracy across business units.

ID/X Partners
Data Scientist – Project-Based Virtual Intern (ID/X Partners X Rakamin Academy)
November 2024 – December 2024

- **Analyzed loan and credit data** to identify key risk factors contributing to customer defaults, improving risk prediction accuracy.
- **Developed a classification model** (Random Forest) achieving **Recall: 0.86**, enabling the early detection of potential default clients.
- **Presented analytical findings** to the client's data team, leading to actionable changes in credit risk evaluation strategy.

PT. Kimia Farma Tbk
Big Data Analytics – Project-Based Virtual Intern (Kimia Farma X Rakamin Academy)
October 2024 – November 2024

- **Queried and analyzed** company-wide performance data (2020–2023) using **Google BigQuery**, identifying sales growth trends and inefficiencies.
- **Constructed data marts and aggregation tables**, enhancing query speed and data integrity for internal reporting.
- **Built interactive dashboards** in **Google Looker Studio**, improving business performance visibility and decision-making across 5 key departments.

Toko Listrik Terang Surya
Administrative and Planning Assistant
July 2024 – December 2024

- **Supported inventory management and transaction tracking** by maintaining accurate records of stock and sales, increasing efficiency by **50%**.
- **Coordinated business planning activities**, including promotional campaigns and new product strategies, improving monthly sales by **10%**.
- **Delivered consistent administrative support** to improve daily operations and customer satisfaction.

PROJECT EXPERIENCE

- **E-Commerce Analysis & Churn Prediction App**

Faced with rising customer churn in an e-commerce business, the project aimed to build a predictive solution for early churn detection and loss prevention. A dataset of 5,000 customer records was analyzed, features were engineered, and an **XGBoost model** optimized for recall and business impact was developed. An interactive **Streamlit application** and **Tableau story dashboard** were created to visualize churn patterns and enable real-time scoring. The model achieved an **F_2-score of 0.97** and successfully reduced potential business loss by **up to 40×**, supporting proactive customer retention strategies.
Project Link: E-Commerce Churn

- **Heart Disease Prediction App**

Given a dataset of patient records with cardiovascular indicators, the project focused on developing a predictive system to detect early signs of heart disease. A robust feature engineering pipeline and ensemble model were implemented to maximize sensitivity for high-risk patients. The **Logistic Regression** model reached an **Recall of 0.88**, while an interactive **Streamlit web app** allowed real-time risk assessment and report generation. The solution enhanced early detection insights and demonstrated potential to reduce health complications by **30×**.
Project Link: Heart Disease Prediction

- **New York City Taxi & Limousine Commision (TLC) Trip Analysis**

Faced with inefficiencies in NYC taxi operations, the project aimed to uncover patterns in demand, routes, and revenue across more than **1 million trip records**. Performed data preprocessing, spatial clustering, and time-based analysis to reveal peak zones and fare dynamics, then visualized findings through a **Tableau story dashboard**. The recommendations—deploying **10% additional fleets** in high-demand zones, implementing **3–7% premium fares**, and promoting early-hour/weekend trips—were projected to **reduce passenger wait time by 5 minutes** and **boost revenue by up to 10%** within one month.
Project Link: NYC TLC Trip Analysis

EDUCATION

- **Purwadhika Digital Technology School (2025),**
  Data Science & Machine Learning

- **Rakamin Academy (2024),**
  Data Science & Machine Learning (89.18/100)

- **Universitas Mercu Buana Yogyakarta (2020 - 2024)**
  Computer Science (3.87/4.00)

LICENSES & CERTIFICATION

- **Udemy (2025)**
  Data Science Mastery 2025: Excel, Python, & Tableau
  Link: Data Science Udemy

- **Rakamin Academy (2024)**
  Data Science & Machine Learning
  Link: Data Science Rakamin

SKILLS

- Python Programming
- SQL Database & Query
- Data Wrangling
- Data Visualization Tools
- Extract, Transform, Load (ETL)
- Statistical Data Analysis
- Machine Learning
- Git & Github
- Data Visual Studio Code