

FABYAN RIZA KIRAM

fabyanriza67@gmail.com | <https://www.linkedin.com/in/fabyan-riza-kiram> | +62 857-3387-2739 | Surabaya, Indonesia |

Fabyan is a freshgraduate student majoring in Data Science at Universitas Airlangga. I am an adaptable individual who can perform well under pressure. I have extensive experience in data analysis, web development, and organizational leadership through various committee roles. I am proficient in data science tools such as SPSS, R, and Python, and in web development technologies including Laravel, Next.js, React, and TailwindCSS. My primary focus is to develop expertise in data science, statistical analysis, and machine learning.

Education

Universitas Airlangga - Surabaya, Indonesia

Aug 2022 – Jan 2026

Bachelor Degree in Data Science Technology, 3.57/4.00

- Relevant Courses: Data Analyst, Data Visualization, Machine Learning, Statistical Analysis.
- Gained admission to university through UTBK with a score of over 700.
- Graduated in 3.5 years with a GPA above 3.5.

Organizational Experience

Staff, Ministry of Strategic Analysis and Issues Network (JAIS) - Surabaya, Indonesia

Mar 2023 – Dec 2023

Student Executive Board, Faculty of Advanced Technology and Multidisciplinary (BEM FTMM)

- Conducted in-depth analysis on national socio-political issues in Indonesia.
- Actively participated in and supported the coordination of student-led advocacy actions and public demonstrations.
- Awarded "Staff of the Month" (September 2023) in recognition of outstanding performance and proactive contributions.

Work Experience

Financial Data Analyst (Internship) -Surabaya, Indonesia

Okt 2025 – Now

PT. Salam Pacific Indonesia Lines (SPIL)

- Analyzed and optimized logistics cost structures regarding roundtrip trucking and dooring
- Developed a web-based optimization tool for depot container allocation to enhance inventory placement and maximize space utilization
- Built a dynamic cost calculator for shipping routes and Terminal Handling Charges (THC) to support accurate financial forecasting and pricing strategies

Sales Data Analyst (Internship) - Jakarta, Indonesia

Jul 2025 – Aug 2025

Wisma Makara Hotel – Universitas Indonesia

- Analyzed historical sales data to uncover key revenue drivers and trends
- Built forecasting models projecting hotel and facility-level revenue up to several years ahead
- Designed a user-friendly dashboard integrating historical insights and 6-month predictive analytics for strategic decision-making

Committee Experience

Coordinator, Disciplinary Commission- Surabaya, Indonesia

Aug 2024 – Dec 2024

Data Science Technology Student Orientation 2024

- Upheld the event's code of conduct and ensure a disciplined and conducive learning environment for new students.
- Developed and socialized guidelines on academic etiquette
- Proactively monitored and provided constructive guidance to new students regarding university rules and professional conduct.

Chief Field Coordinator - Surabaya, Indonesia

Jun 2024 - Aug 2024

Faculty of Advanced Technology and Multidisciplinary Student Orientation 2024

- Designed and orchestrated the complete mobilization flow and logistical strategy for over 500 new students.
- Managed all on-the-ground operations, ensuring the seamless and timely transition of participants between event segments to maintain program efficiency.
- Led the field coordination team to maintain order, resolve real-time logistical issues, and ensure the overall success of the large-scale event.

Lead Organizer for DUELS Debate Competition - Surabaya, Indonesia

Nov 2023

Organized under BEM FTMM, Universitas Airlangga

- Led the planning and execution of a faculty-level debate competition, coordinating logistics, budgeting, and event scheduling
- Managed cross-functional teams to ensure smooth operations, from participant registration to final award ceremony
- Fostered engagement and collaboration among students, promoting critical thinking and public speaking skills

Deputy, Competition Division- Surabaya, Indonesia

May 2023 – Sep 2023

Airmology 2.0

- Oversaw the end-to-end planning and execution of 5+ distinct competitions, coordinating with organizers from 5 different majors.
- Ensured the operational readiness of all events by systematically tracking progress, managing timelines, and verifying logistical preparations.
- Served as the primary consultant and problem-solver for competition organizers, providing strategic advice and hands-on support to resolve emerging issues and ensure successful outcomes.

Projects**Automated Shipping Route & Cost Calculator**

December 2025

Financial Tech Implementation at PT Salam Pacific Indonesia Lines

- Built a dynamic cost calculator website integrating complex variables including shipping routes, fuel surcharges, and Terminal Handling Charges (THC)
- Enabled the finance and sales teams to instantly generate accurate cost baselines for various shipping scenarios
- Improved pricing accuracy and margin analysis by standardizing the calculation method across different operational routes

Depot Container Allocation Optimization System

November – December 2025

Internal Tool Development at PT Salam Pacific Indonesia Lines

- Designed and developed a web-based tool to automate and optimize the allocation of containers within storage depots
- Implemented logic to balance inventory distribution, reducing retrieval times and improving space utilization efficiency
- Provided depot managers with a digital interface to monitor container placement in real-time, replacing manual tracking methods

Logistics Cost Optimization & Roundtrip Efficiency Model

October-November 2025

Cost Efficiency Initiative at PT Salam Pacific Indonesia Lines

- Conducted a comprehensive analysis of logistics expenditures, specifically targeting trucking and dooring operations to identify cost-leakage areas
- Developed a roundtrip optimization strategy that reduced empty trips and maximized vehicle utilization rates
- Streamlined vendor allocation and routing logic, resulting in significant operational cost savings per logistics cycle

Dynamic Predictive Analytics Dashboard for Wisma Makara Universitas Indonesia

August 2025

Industry project with Wisma Makara Hotel, Universitas Indonesia

- Designed and developed an interactive analytics dashboard to present historical hotel data and six-month revenue forecasts
- Implemented dynamic retraining functionality, enabling the predictive model to update automatically upon receiving new period data
- Provided hotel management with a real-time decision-support tool to enhance business planning and operational strategies

Sales Analysis for Wisma Makara Universitas Indonesia

July 2025

Industry project with Wisma Makara Hotel, Universitas Indonesia

- Conducted comprehensive sales analysis to identify hotel facilities with the greatest impact on overall revenue
- Analyzed the correlation between electricity bills and the usage of various hotel facilities
- Delivered actionable insights to optimize operational efficiency and maximize revenue generation

Customer Segmentation for AXA Insurance

May 2025

Industry project with AXA Insurance Company

- Developed customer segmentation models using various clustering algorithms
- Performed in-depth cluster profiling to identify distinct customer characteristics and preferences
- Provided actionable business insights and strategic recommendations to AXA based on segment profiles

Academic team project for the Database course

- Designed multiple web pages to enhance user experience
- Handled backend development and server-side logic
- Created an analytics dashboard to visualize website visitor data (based on dummy data)

Medical Drugs Composition Information Retrieval

Nov - Dec 2024

Academic team project for the Natural Language Processing (NLP) course

- Developed graph-based visualizations to represent complex drug compositions
- Trained and evaluated a machine learning model to predict drug composition
- Enhanced the drug search functionality to improve user experience and retrieval accuracy

Predicting Song's Genre Based on Lyrics

Nov - Dec 2024

Academic team project for the Data Mining course

- Developed graph-based visualizations to represent complex drug compositions
- Trained and evaluated a machine learning model to predict drug composition
- Enhanced the drug search functionality to improve user experience and retrieval accuracy.

Webtoon Comics Genre Preferences

May - June 2024

Academic team project for the Data Mining course

- Collected view and like data through web scraping from Webtoon platforms in multiple languages (Bahasa Indonesia, English, Spanish, Korean, Chinese)
- Applied clustering techniques to analyze and segment reader preferences in Webtoon comics

Website Development for Ephestaforia 2024

May - June 2024

Official website for the annual event at the Faculty of Economics and Business

- Designed the complete user interface (UI) and user experience (UX) to create a visually engaging and highly informative platform for all participants.
- Led the front-end development, translating complex design mockups into a fully responsive and interactive website using modern web technologies.
- Managed the website's lifecycle throughout the event period, ensuring high uptime, optimal performance, and executing real-time content updates.

UI/UX Design & Frontend for 'Shoesie' Website

Mar – April 2024

Official entry for the P2MW (Program Pembinaan Mahasiswa Wirausaha) competition

- Spearheaded the website's design and front-end implementation from concept to launch.
- Engineered a user-friendly interface to streamline the shoe cleaning service booking process.
- Responsible for the continuous maintenance and technical support of the live website.

AI-Powered Emotion Recognition System

Sep – Nov 2023

Deep Learning & Web Development Project

- classify human emotions from images and real-time video streams using CNN.
- Integrated the deep learning model to display emotion detection results instantly.
- Designed the complete UI/UX from concept to implementation for users interacting with the AI model.

Language Proficiency and Skills

- **English:** Limited Working Proficiency.
- **Indonesian:** Native Proficiency.
- **Soft Skills:** Analytical Thinking, Adaptability, Communication, Problem Solving, Resilience, Teamwork and Time Management.
- **Hard Skills:** Programming Languages (Python, SQL, and R), Microsoft Office (Excel, PowerPoint, dan Word), and Tools (Google Colaboratory, Google Cloud BigQuery, Google Looker Studio, IBM SPSS Statistics, Laravel, Jupyter Notebook, Minitab, and Tableau)