Portfolio

Rafly Triansyah Praseptyo

a Data Analyst

Passionate about data, specializing in efficiency and automation. Skilled in developing interactive dashboards with Power BI, Tableau, and Streamlit, and optimizing workflows through Python, Excel, and VBA.

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+6285893109870
Tangerang

Work Experience

PT Agata Promar – West Jakarta, Indonesia
An importer and distributor of children's toys and collectibles from global brands, supplying to toy stores, department stores, entertainment centers, convenience stores, and traditional wholesalers.

Head Admin / Admin Staff / Warehouse Admin (Feb 2021 – Present)

- Improved operational workflows by implementing new SOPs, automation tools, and Excel macros, cutting processing time by up to 70–80%.
- Managed warehouse and sales administration, including stock in-out reporting, shipment lead-time monitoring, and nationwide delivery tracking.
- Developed reporting systems (weekly, monthly, and stock-taking) that improved data accuracy and operational efficiency.

Data Analyst (Oct 2023 – Nov 2024)

- Built customized Excel dashboards and reports for management and marketing teams.
- Analyzed and visualized sales data by customer, brand, and time period to support decision-making.

Background Study

Mercu Buana University (2021-2025)
Bachelor of Information Systems - Computer Science
GPA. 3.85

About Me

Skillset and Tools

Advanced


Competent




Beginner


Sales Dashboard & Insight using Streamlit **(timelly)**

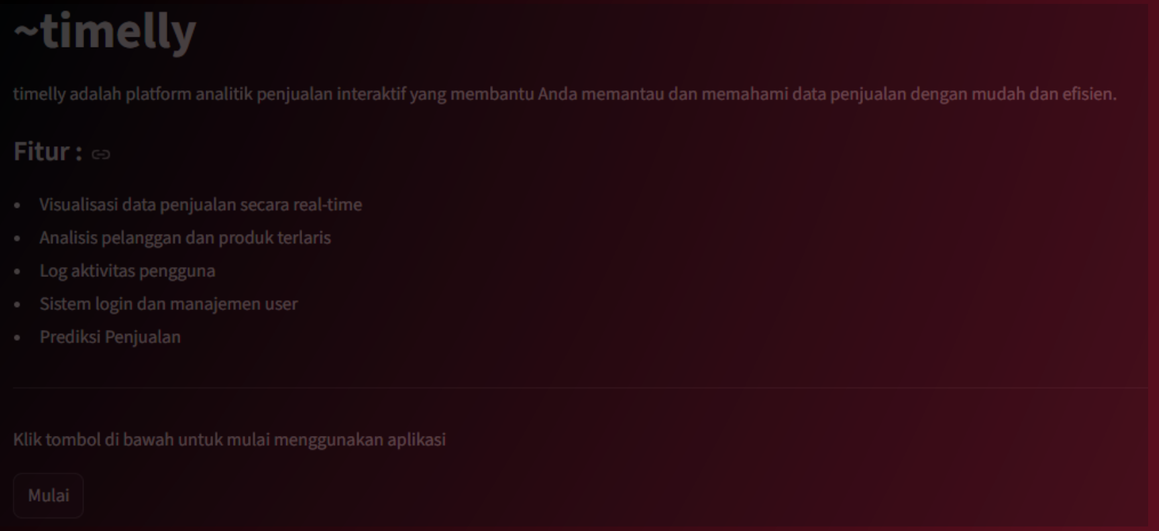
Project

I developed this Streamlit dashboard to help the marketing team easily monitor sales and identify sales trends. Since the marketing team doesn't have direct access to the company's internal systems, they usually need to request sales data from the admin team, which often takes a lot of time.

To address this, a web-based toy sales dashboard was built using the Streamlit framework. The dashboard not only simplifies data access for the marketing team but also includes role-based access control, with separate menus tailored for each user role.

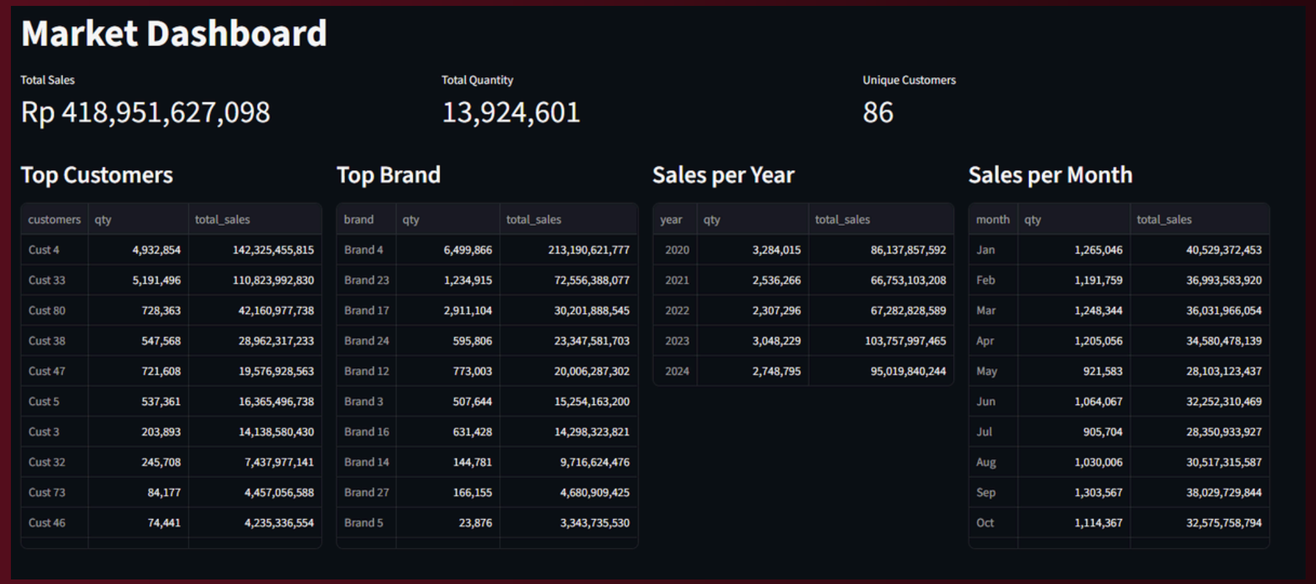
Built with Streamlit and includes features such as:

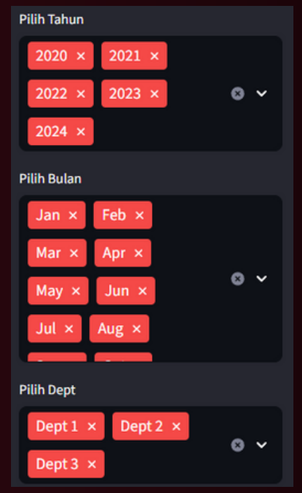
- Interactive sales dashboard
- Sales forecasting using **SARIMAX** and **BLSTM** algorithms
- Data cleaning tools
- Dataset preview
- Admin panel with role-based access control



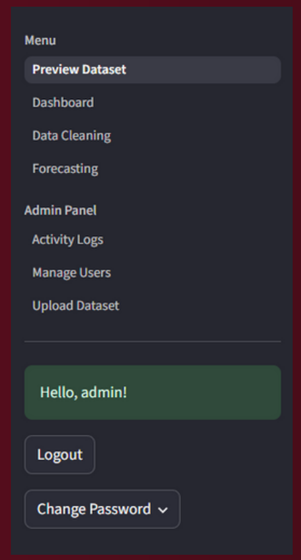
Tools :

Project

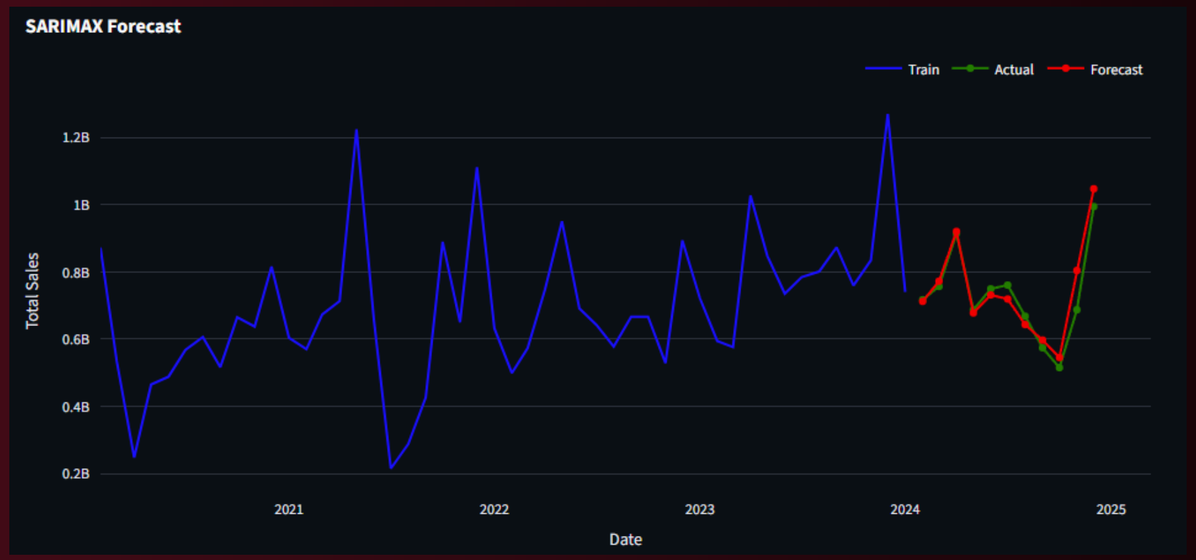




-Interactive sales dashboard



-Menu



-Forecast

Sales Predict using Regression

Project

This project focuses on predicting future sales using only Microsoft Excel with the Data Analysis ToolPak for regression. The dataset is organized into two tables:

- Table 1: Actual sales data
- Table 2: Predicted sales results, showing forecasted values and performance metrics.

The regression analysis achieved an average prediction accuracy of **94.13%** per product, making it a simple yet effective approach for sales forecasting without requiring advanced programming tools.

Table 1. Sales Data

cust	totalCountTransaction	totalSumTransacntion	netPrice
custA	145	166	10.293.394
custB	56	60	3.954.228
custC	1.566	2.291	125.985.444
custD	96	99	6.273.125
custE	369	426	26.104.997
custF	1.009	1.174	68.108.259
custG	11	12	797.160

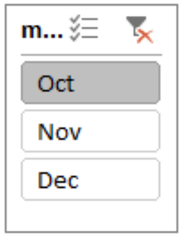


Table 2. Sales Data, Prediction Table & Actual Price

	x1	x2	Y			
cust	totalCountTransaction	totalSumTransaction	netPrice	Nov Prediction	Nett Sales Nov Actual	Accurate%
custA	145	166	10.293.394	10.162.226	14.171.139	71,71%
custB	56	60	3.954.228	4.067.530	4.450.810	91,39%
custC	1.566	2.291	125.985.444	125.984.728	135.877.820	92,72%
custD	96	99	6.273.125	6.436.935	6.709.430	95,94%
custE	369	426	26.104.997	25.211.243	25.465.941	99,00%
custF	1.009	1.174	68.108.259	68.428.532	68.675.571	99,64%
custG	11	12	797.160	1.225.413	1.129.310	108,51%
						94,13%

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,999956161
R Square	0,999912324
Adjusted R Square	0,999868486
Standard Error	534239,8402
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1,30201E+16	6,51004E+15	22809,25189	7,68709E-09
Residual	4	1,14165E+12	2,85412E+11		
Total	6	1,30212E+16			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	519261,0086	285643,0515	1,81786676	0,143231647	-273811,244	1312333,261	-273811,244	1312333,261
X Variable 1	17508,07065	3034,100319	5,770432356	0,004477239	9084,057675	25932,08363	9084,057675	25932,08363
X Variable 2	42796,95679	2136,122797	20,03487667	3,66291E-05	36866,12911	48727,78448	36866,12911	48727,78448

$$Y = a + b1X1 + b2X2 + \ldots\ldots\ldots + bnXn$$

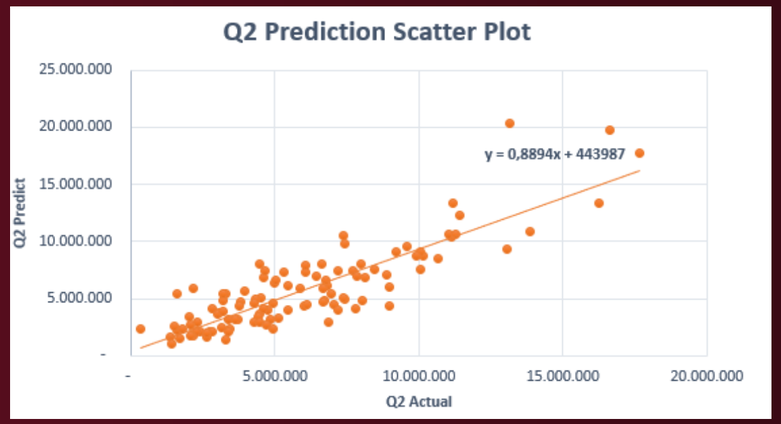
Quarterly Sales Forecast and Comparison

Project

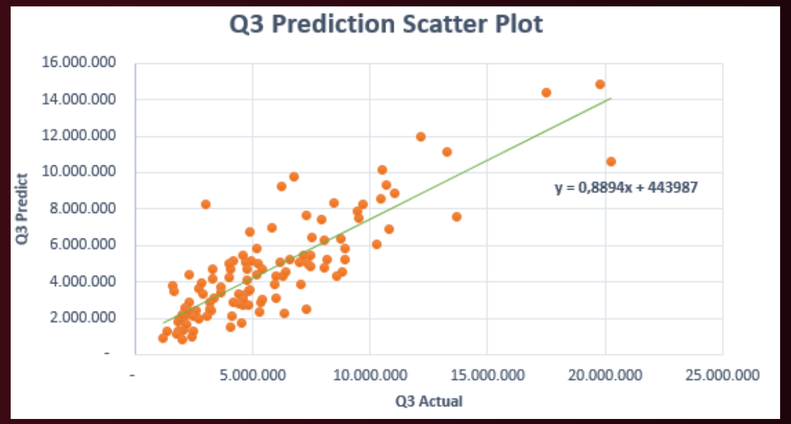
This project analyzes and forecasts sales performance across different quarters using Excel. The comparisons were made between:

- Q1 vs Q2
- Q2 vs Q3
- Q3 vs Q4

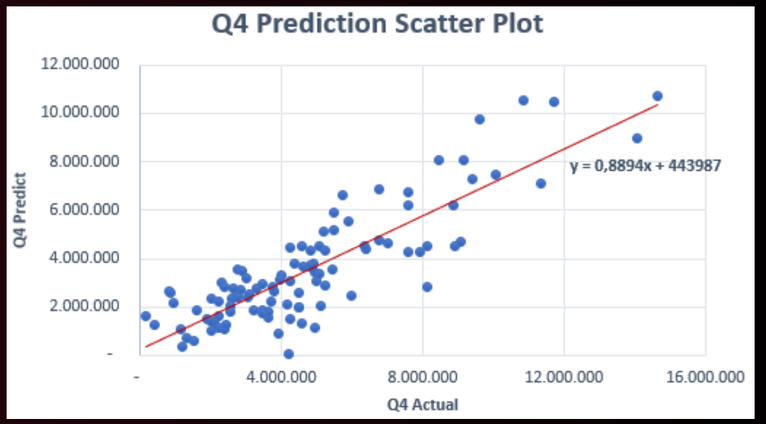
The analysis not only forecasts sales trends for each quarter but also generates scatter plots to visually represent the relationship and comparison between quarterly sales, making it easier to identify growth patterns and seasonal trends.



Q2 Predict vs Actual
Scatter Plot



Q3 Predict vs Actual
Scatter Plot



Q4 Predict vs Actual
Scatter Plot

Sales Dashboard 2023 vs 2024 (Excel-based)

Project

This project presents an interactive Excel dashboard enhanced with VBA macros to compare sales performance between 2023 and 2024. It provides both automation and visualization features to simplify sales monitoring and analysis. Key features include:

- **Bar Chart**: Sales comparison across customers (2023 vs 2024)
- **Line Chart**: Monthly sales trends from January to December
- **Slicers & Filters**: Interactive filtering by Year, Month, Province, and Brand
- **Growth Analysis**: Automatic calculation of sales growth percentages between 2023 and 2024
- **Contribution Table**: Displays each customer/product contribution as a percentage of total revenue
- **Macro Automation**: VBA macros are used to automate repetitive tasks such as data refresh, filtering, and updating visualizations for faster reporting

This dashboard enables the marketing and management teams to quickly track performance, analyze trends, and evaluate growth with an interactive and automated solution built entirely in Excel.

Project

Below are the examples of the dashboard output, including bar charts, line charts, slicers, growth analysis, and contribution tables. These visuals demonstrate how the dashboard provides clear and interactive insights for comparing sales performance between 2023 and 2024.

By Cust

Cust	Year 2023 Nett	2023 Contribution	2024 Nett	2024 Contribution
Cust 9	6.090.730.369	36,77%	5.996.367.744	32,56%
Cust 3	5.002.305.305	30,20%	6.105.858.445	33,16%
Cust 8	2.337.852.156	14,11%	3.023.198.374	16,42%
Cust 1	2.049.410.150	12,37%	2.213.312.870	12,02%
Cust 4	700.963.937	4,23%	559.686.288	3,04%
Cust 2	293.477.961	1,77%	376.059.520	2,04%
Cust 10		0,00%	113.283.344	0,62%
Cust 5	51.436.144	0,31%	25.123.527	0,14%
Cust 6	36.016.282	0,22%	3.011.305	0,02%
Cust 7	2.143.350	0,01%		0,00%
Grand Total	**16.564.335.654**	**100,00%**	**18.415.901.416**	**100,00%**

By Key Account

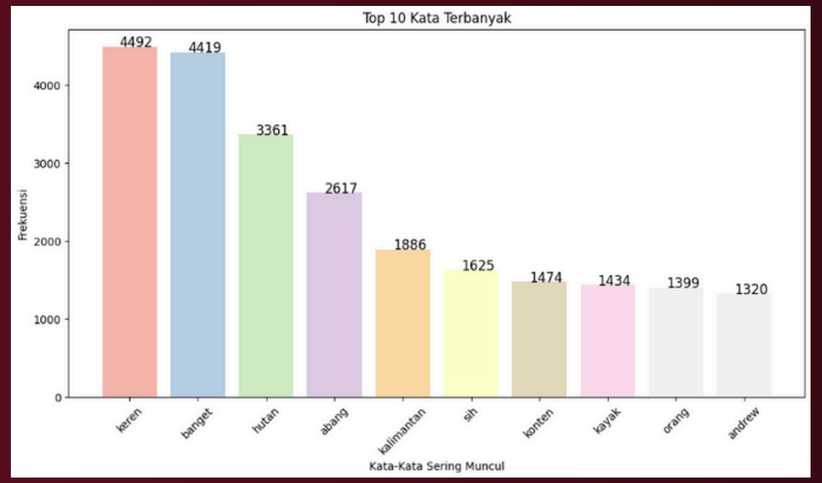
Key Account	Year 2023 Nett	2023 Contribution	2024 Nett	2024 Contribution
Sales 1	4.680.740.267	28,26%	5.725.854.107	31,09%
Sales 2	5.002.305.305	30,20%	6.105.858.445	33,16%
Sales 3	6.843.130.450	41,31%	6.581.177.559	35,74%
Sales 4	38.159.632	0,23%	3.011.305	0,02%
Grand Total	**16.564.335.654**	**100,00%**	**18.415.901.416**	**100,00%**

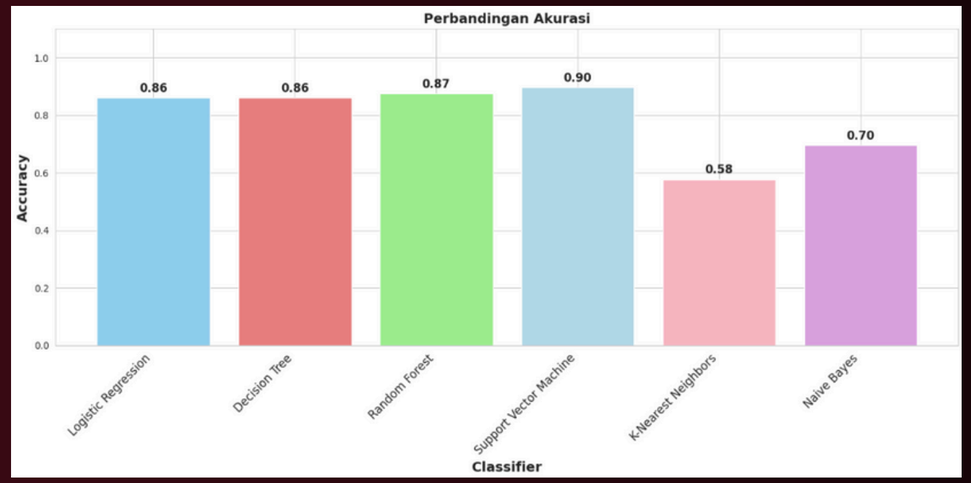
YouTube Data Crawling & Analysis (Google Colab)

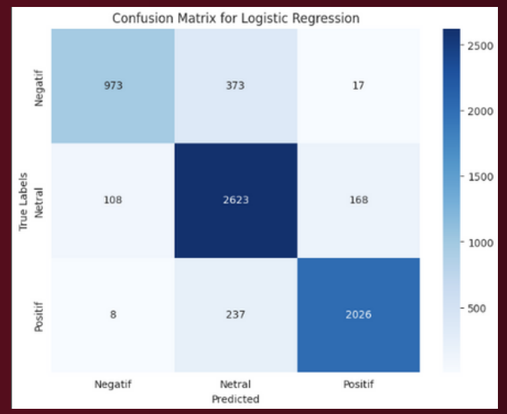
Project

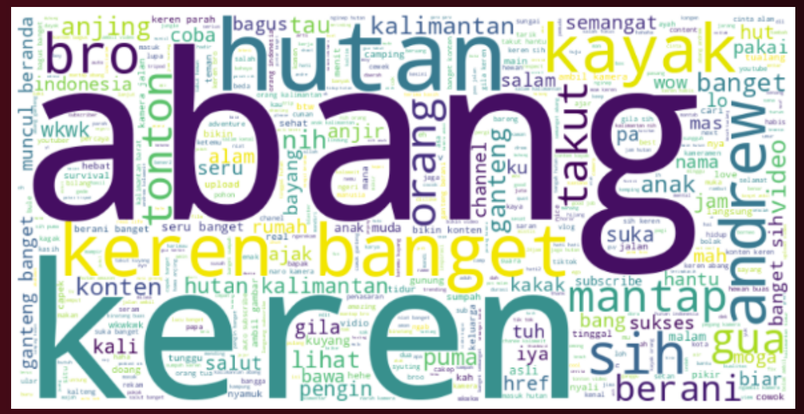
This project focused on crawling and analyzing data from YouTube using Google Colab. The video selected was Andrew Kalaweit's "24 Hours in the Borneo Jungle", which aimed to challenge public skepticism and myths surrounding the forest by showing the real experience.

The analysis highlighted not only the narrative aspect of debunking myths, but also provided insights from a different perspective emphasizing the beauty of nature, wildlife, and vegetation captured in the video.









Data Classification and Summarization Using IBM Granite

Certfication

In recognition of the commitment to achieve professional excellence

Data Classification and Summarization Using IBM Granite

IBM SkillsBuild

IBM

Rafly Triansyah Praseptyo

Has successfully satisfied the requirements for:

Data Classification and Summarization Using IBM Granite

Issued on: Aug 22, 2025

Issued by: IBM SkillsBuild

Verify: https://www.credly.com/badges/ef59ca38-5a62-4b50-9298-e6ad87d1800b

IBM

I successfully obtained the IBM "Data Classification and Summarization Using IBM Granite" certificate, which focuses on the application of generative AI models for data classification and summarization needs. Through this program, I learned how to group information based on relevant categories, generate concise yet informative text summaries, and utilize IBM Granite's Large Language Model (LLM) in the context of data processing and text analysis. This certification strengthened my skills in Artificial Intelligence and Natural Language Processing (NLP), while also gaining practical insight into the application of AI technology to support efficient data-driven analysis and decision-making.

Certfication

BNSP Business Intelligence Analyst

14185058

BADAN NASIONAL
SERTIFIKASI PROFESI
INDONESIAN PROFESSIONAL CERTIFICATION AUTHORITY

SERTIFIKAT KOMPETENSI
CERTIFICATE OF COMPETENCE

No. 62015.2511.0000010.2025

Dengan ini menyatakan bahwa,
This is to certify that,

Rafly Triansyah Praseptyo

No. Reg. DMI.384.00010 2025

Telah kompeten pada bidang:
Is competent in the area of:

Artificial Intelligence
Artificial Intelligence

Dengan Kualifikasi / Kompetensi:
With Qualification / Competency:

Business Intelligence Analyst
Business Intelligence Analyst

Sertifikat ini berlaku untuk: 3 (tiga) Tahun
This certificate is valid for: 3 (three) Years

Jakarta, 11 Juni 2025
Jakarta, June 11, 2025

Atas Nama **Badan Nasional Sertifikasi Profesi**
On Behalf of Indonesian Professional Certification Authority
Lembaga Sertifikasi Profesi Universitas Mercu Buana
Mercu Buana University Professional Certification Body

Haekal Fajri Amrullah, M.Sc.
Ketua
Chairman

I earned the Business Intelligence Analyst certification from BNSP (Badan Nasional Sertifikasi Profesi), conducted by LSP Mercu Buana. This certification validated my competency in data analysis, business intelligence tools, dashboard creation, and decision-support systems. Through this program, I gained practical skills in collecting, processing, and interpreting data to provide actionable insights that support business strategy and performance optimization. Achieving this national professional certification strengthened my qualifications as a data and business intelligence practitioner, ensuring my expertise meets recognized professional standards in Indonesia.

Python For Data Science

Certfication

HiColleagues

Certification of Completion

Presented to

Rafly Triansyah Praseptyo

049/MC/GAMB/IX/2024

Sebagai peserta pada kelas
"Python For Data Science"
Yang diselenggarakan pada 9, 11, 13, 17, dan 20 September 2024

Jakarta, 26 September 2024
PT Generasi Anak Muda Berkarya

PT. Generasi Anak Muda Berkarya

Martha Sutopo
Chief Executive Officer

In addition, I completed the Python for Data Science Training by HiColleagues, where I learned the foundations of Python programming, data analysis, and visualization. The training introduced me to essential libraries such as NumPy, Pandas, and Matplotlib, and provided hands-on experience in applying Python to explore datasets, process information, and extract insights. This certification enhanced my ability to use Python as a powerful tool in data science and analytics projects.

Project Management for Beginners

Certfication

I earned the Project Management for Beginners certificate from the Project Management Institute (PMI), which introduced me to the fundamentals of project management methodologies, processes, and best practices. The training covered key areas such as project planning, scheduling, stakeholder communication, risk management, and team coordination. This certification provided me with a solid foundation to understand how projects are structured and managed effectively, as well as how to apply project management principles to achieve successful outcomes.

Alibaba Cloud Computing Training

Certfication


HiColleagues Alibaba Cloud

Certificate Of Completion

Presented to

Rafly Triansyah Praseptyo

ID Alibaba Cloud : 5618705389188702

For **successful completion** of the **Alibaba Cloud Computing Training** from Basic Level, 22-26 January, 2024

Jakarta, 30 January 2024

PT Generasi Anak Muda Berkarya

Martha Sutopo
Chief Executive Officer

Program Organizer
Alibaba Cloud

Bayu Irawan
Training Ops Specialist

I also completed the Alibaba Cloud Computing Training by HiColleagues, which provided comprehensive knowledge of cloud fundamentals, virtualization, networking, storage, and security. The training also covered practical aspects such as deploying applications on the cloud, managing resources efficiently, ensuring scalability, and optimizing data workflows. This program strengthened my technical foundation in cloud architecture and infrastructure management, enabling me to apply cloud solutions effectively in real-world business and technology contexts.