

WAHYUDIYANTO

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PERSONAL INFORMATION

Full Name: Wahyudiyanto

Date of Birth: 02 February 2002 (Age: 23)

Sex: Male

Citizenship: Indonesia

Current Country: Indonesia

Japanese Level: None (Willing to undergo intensive training)

English Level: C1 Advanced (EF SET 67/100) – [Certificate](#)

PROFESSIONAL SUMMARY

Highly motivated Data Science student with strong foundations in Machine Learning, Deep Learning, and Big Data. Skilled in Python, statistical modeling, distributed computing, and research. Experienced in building end-to-end AI/ML systems, academic assistance, and organizational leadership. Demonstrates strong communication, adaptability, and commitment to continuous learning.

EDUCATION

Institut Teknologi Sumatera (ITERA)

Indonesia

Bachelor's Degree in Data Science (GPA: 3.28/4.00)

Aug 2021 – Nov 2025

TECHNICAL SKILLS

Programming: Python, SQL, R, JavaScript

Machine Learning: Scikit-Learn, XGBoost, Random Forest, CLIP Model

Deep Learning: TensorFlow, Keras, PyTorch

Big Data: Hadoop HDFS, Apache Spark (PySpark), Hive

Visualization: Tableau, Looker Studio, Matplotlib, Seaborn

Other: Data Analysis, Statistical Modeling, Streamlit Development

Certifications: Google Advanced Data Analytics Professional Certificate (2024) – [Verify](#)

EXPERIENCE

Big Data Analysis Practicum Assistant

Feb 2025 – Jul 2025

Institut Teknologi Sumatera (ITERA)

Bandar Lampung, Indonesia

Guided students in Big Data concepts including ingestion, distributed storage, and cluster processing.

Facilitated hands-on sessions with Hadoop HDFS, Spark (PySpark), and Hive.

Assisted in debugging, optimizing queries, and configuring distributed environments.

Tools: Hadoop, Spark, Hive, Python, SQL, Jupyter Notebook, GCP/AWS.

Head of Creative Media Department

Feb 2024 – Nov 2024

Data Science Student Association (HMSD)

South Lampung, Indonesia

Led a team of 19 members across Media, Publication, and Visual Design divisions.

Analyzed engagement metrics to improve organizational digital visibility.

Algorithm & Programming Lab Assistant

Sep 2023 – Dec 2023

Institut Teknologi Sumatera (ITERA)

South Lampung, Indonesia

Mentored students in Python and C++ fundamentals, algorithms, and data structures.

Provided debugging support, code reviews, and assignment evaluation.

PROJECTS

CLIP Model Performance Evaluation — <i>Python, PyTorch, CLIP</i>	Nov 2024
Evaluated RN50, ViT-B/16, ViT-L/14, and ViT-B/32 for livestock zero-shot image classification.	
Implemented augmentations and cosine similarity scoring.	
Achieved highest accuracy (79%) using ViT-L/14.	
Amazon Market Trend Analysis (Big Data) — <i>Python, Hadoop, PySpark</i>	2024
Collected and processed ~1M Amazon product titles across 20 categories.	
Uploaded datasets to Hadoop HDFS and performed distributed processing with PySpark.	
Computed word count to identify dominant keywords and consumer interest patterns.	
Generated bar charts and word clouds for category-based market insights.	
Walmart Sales Prediction — <i>Python, XGBoost, Plotly</i>	2024
Built regression pipeline for weekly sales forecasting using engineered lag/rolling features.	
Compared models and selected XGBoost achieving RMSE \$3,038.	

For more detailed project documentation: wahyudata.web.id

AWARDS & ACHIEVEMENTS

1st Place – Videography & Best Presentation (Pertamina Workers Union, 2024)
2nd Place – “Halo China” National Video Competition (Embassy of China & FPCI, 2023)
BriLian Scholarship Recipient – Bank Rakyat Indonesia (2021–2022)