

Putri Maysa Adira

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SUMMARY

Data Science undergraduate with strong passion for Data Science, especially in Data Analysis and Machine Learning. Experienced in deep learning and data-driven projects. Serving as Vice Manager in a student association, gaining leadership and teamwork skills. A social media enthusiast, adaptable, and easy-going with strong communication abilities.

EDUCATION

Bina Nusantara University - Bachelor of Data Science

Faculty of Computer Science | GPA: 3.31 / 4.00

August 2023 - Present

- **Relevant Coursework:** Big Data Infrastructure and Technology, Artificial Intelligence, Machine Learning, Deep Learning, Text Mining, Data Mining and Visualization, Database Technology, Data Management and Organization, Model Deployment, Scientific Computing, Basic Statistic, Survey and Sampling Methods.

ORGANIZATION EXPERIENCE

Himpunan Mahasiswa Teknik Informatika (HIMTI)

Vice Manager of Publication & Marketing Jakarta X Semarang

January 2025 - Present

- Managed social media platforms (Instagram, TikTok) to enhance engagement.
- Created and curated digital content to support organizational campaigns.

Treasurer of Farewell Event 2025

Feb 2025 - March 2025

- Managed and allocated event finances efficiently.
- Monitored cash flow to ensure transparency and accuracy.

Event Committee Member of HIMTI Leadership Training (HILET) 2025

Dec 2024 - Feb 2025

- Prepared event flow and speech scripts for the Master of Ceremony.
- Ensured structured, clear, and engaging delivery of the event.

Mentor Division Staff of SESVENT 2024

Sept 2024 - Oct 2025

- Prepared event flow and speech scripts for the Master of Ceremony.
- Ensured structured, clear, and engaging delivery of the event.

TFI Student Community (TFISC)

Community Program Education Activist

March 2024 - Feb 2025

- Taught Mathematics and English to elementary and junior high school students in Indonesian to enhance understanding and build confidence in learning

PROJECTS

Object-Oriented Iris Classification System

- Implemented an Iris flower classification workflow using clean Object-Oriented structures.
- Separated data loading, preprocessing, training, and prediction into modular class abstractions.

Predicting Air Quality using LSTM

- Applied LSTM models for time series forecasting through practical implementation
- Practiced handling missing values using KNN imputation and applying data scaling techniques for deep learning

Smart Booking – Predicting Hotel Cancellation Risks

- Built a machine learning model to identify high-risk hotel bookings using historical reservation data.
- Performed preprocessing, feature encoding, and handling of imbalance.

Pistachio Image Generation using Custom GAN

- Processed pistachio image dataset (resizing, normalization, domain-specific preparation).
- Designed and implemented a custom GAN with Generator and Discriminator components.

Neural Network–Based Gaussian Noise Removal

- Built a neural-network model to remove Gaussian noise from images.
- Applied image preprocessing, noise simulation, and data augmentation.

Obesity Risk Detection API using FastAPI

- Built a lightweight prediction API using FastAPI for detecting obesity risk levels.
- Implemented preprocessing pipeline including categorical mapping, scaling, and feature validation.

SKILLS

- **Soft Skills :** Analytical thinking, problem-solving, critical thinking, detail-oriented, stakeholder communication, business acumen, data interpretation, requirement gathering, documentation, teamwork, adaptability, project coordination, time management, presentation skills, workflow analysis.
- **Technical Skills :** Python, R, SQL, Spark SQL, MySQL, Tableau, Excel, PowerPoint, Pandas, NumPy, Scikit-Learn, Keras, FastAPI, Streamlit, Figma, Notion, GitHub, Jupyter, VS Code, Draw.io, AWS, Azure, HTML/CSS/JS, Flutter, ASP.NET.
- **Languages:** Bahasa Indonesia (Native), English (Intermediate)