



# FIA ANDARIYANA

## Data Science & Business Analytics Graduate with AI/ML Expertise

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[linkedin](#) | [Blog](#) | [AIML Projects](#) | [Data Science Projects](#) | [Streamlit](#)

Data Science graduate with expertise in AI, machine learning, and analytics, leveraging Python, data analysis, and visualization skills to deliver impactful solutions. Proven ability to address complex business challenges with insights from data, supported by excellent communication and collaboration across multicultural teams in Japan, Singapore, Indonesia, and Australia. Excited to contribute to roles in AI/ML, data science, and analytics.

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## EDUCATION

### Formal

#### University of Texas at Austin, United States

Postgraduate – Data Science & Business Analytics

GPA: 4.19/4.33

Graduated in 2024 with Excellent Performance

Statistics, Data Analysis, Machine Learning, Predictive Modeling, and Business Insights

#### Pamulang University, Indonesia

Bachelor of Law

GPA: 3.40/4.00

Graduated in 2015 with a Strong Academic Record

Legal principles, critical thinking, and analytical problem-solving

### Nonformal & Specialized Training

#### DibimbingId – AI/ML Engineering

(10/2024 – Present)

Specialized in Feature Engineering, Supervised & Unsupervised Learning, Hyperparameter Tuning, Ensemble Learning, ANN, DNN, CNN, RNN, OCR, RAG, GenAI, Chatbot, Recommendation Systems, Dockerized Deployment, and MLOps.

- **Top 5 Student (in October 2024)** with an overall score of 92/100 for projects and coding test.

#### Binar Academy – Data Science

(8/2023 – 3/2024)

Focus on Database, SQL, Deployment, API Flask, NLP, CNN, RNN, LSTM.

- **Project Grade:** Python for Machine Learning (Flask, Swagger UI, SQL, NLP) – 96/100.

#### Human Academy Tokyo – Advanced Japanese Language

(2/2020 – 12/2020)  
JLPT N2 Certified in 2021.

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## WORK EXPERIENCE

### Junior Data Scientist/Engineer | 2023 – Present

#### Projects

- **Alchatbot | Dec 2024**  
Built an NLP-based chatbot for customer support using Python, enhancing response times and user engagement through natural language understanding and prompt engineering.
- **Movie Recommendation System | Dec 2024**  
Developed a personalized movie recommendation system using content-based and collaborative filtering, leveraging similarity measures to improve user experience.

- **California Housing - Hyperparameter Tuning | Nov 2024**  
Optimized housing price prediction models by applying GridSearchCV and RandomSearchCV for hyperparameter tuning, achieving significant performance improvements.
- **OCR Passport Information Extraction | Nov 2024**  
Built an OCR solution using Python and AI frameworks to automate passport data extraction, improving accuracy and reducing manual data entry time.
- **Advertisement Analysis | Dec 2024**  
Applied supervised and unsupervised learning techniques to analyze ad performance, optimize targeting strategies, and enhance marketing outcomes.

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## Japanese Interpreter and Executive Assistant to the Managing Director

Kashiwabara, Indonesia Branch | 05/2022 – 08/2023

- Played a key role in launching **the World's Largest Smelter projects** in Gresik by fostering strong cross-cultural relationships.
- Recovered outstanding receivables by facilitating seamless communication across languages.

## English/Japanese Interpreter

ANA All Nippon Airways, Tokyo, Japan | 08/2019 – 09/2020

- Improved customer experience by delivering precise Japanese-English interpretation during travel processes.
- Resolved complex passenger issues effectively, ensuring smooth communication and satisfaction.

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## CERTIFICATE/LICENSE

- SQL: (Introduction SQL with MySQL) issued by GreatLearning	2025
- Postgrad in Data Science & business analytics issued by UT Austin	2024
- Data Science issued by Binar Academy	2024
- Data Science issued by MySkill	2022
- Website Development issued by MySkill	2022
- N2 Japanese Language Proficiency issued by the Japan Foundation	2021
- TOEIC: Score 855 issued by IIBC	2020
- Korean Sejong 4 issued by Korean Culture Center	2016
- Degree: Bachelor of Law issued by Pamulang University	2015

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## SKILLS

### Hard Skills

Python, SQL, Flask, Swagger UI, Jupyter, Scikit-learn, TensorFlow, Keras, XGBoost, EDA, Data Cleaning, Hypothesis Testing, A/B Testing, Logistic Regression, Decision Trees, Clustering, Random Forest, Neural Networks (ANN, DNN, CNN, RNN), Model Tuning (GridSearchCV, BayesSearchCV), Chatbot Development (spaCy, Transformers), Generative AI, Prompt Engineering, RAG, Model Deployment (Docker, Flask APIs)

### Soft Skills

Communication | Teamwork | Problem-solving| Analytical Thinking | Adaptability

### Languages

Indonesian (Native) | English & Japanese (Professional working proficiency) | Korean (Limited working proficiency)