

AULIA PRAMESTHI WARDHANI

+6281289667308 | auliapramesthi01@gmail.com | <https://www.linkedin.com/in/aulia-pramesthi> | <https://github.com/marginbridge>

Permata Depok Blok E14/03 Kel.Pondok Jaya Kec. Cipayung Kota Depok Jawa Barat

I am a final year geography of education student at Universitas Negeri Jakarta with a strong passion for data science and machine learning. Proficient in modern technologies, including TensorFlow, and skilled in data analysis and Python programming. I proactively developed a progress tracking system to enhance student performance within my study group, yielding measurable improvements. As a collaborative team member, I contributed to winning the Top 50 Product Capstone out of 400+ final projects at Bangkit Academy.

Education Level

Universitas Negeri Jakarta - Jakarta

Aug 2019 - Mar 2024 (Expected)

Undergraduate in Geography of Education, 3.75/4.00

Bangkit Academy led by Google, Tokopedia, Gojek & Traveloka

Feb 2022 - Jul 2022

Certificate in Machine Learning learning path, 89.74/100.00

- Won Top 53 teams on the Product Capstone out of 433 final projects

Startup Campus

Aug 2022 - Dec 2022

Certificate in Data Science Track, 75.18/100.00

Rakamin Academy

Mar 2023 - Jul 2023

Certificate in Data Science, 86.67/100.00

Notable Projects

Bio Farma X MIT Hacking Medicine - Bali, Indonesia

Aug 2023

Machine learning developer, Data specialist

Participated in BioFarma Hacking Medicine 2023, a 48-hours of hacking with a focus on leveraging technology in the field of medicine consumption and distribution.

- Designed and developed a functional prototype for optimizing the distribution of medicine.
- Presented the project to a panel of industry experts, receiving praise from mentor for innovation and practicality.

Potential Customer Prediction

May 2023 - Jun 2023

Team member

- Built a classification model to increase product conversion rate and lowers marketing cost for a travel agency using the XGBoost classification model, in which the model managed to increase the conversion rate by 66,2% and lower the marketing cost by 83%.

Predictive Churn Analysis

Oct 2022 - Nov 2022

Team member

- Successfully finished final project of Data Science Startup Campus program to predict customer churn using Python, Excel, SQL, and Google Data Studio using e-commerce datasets.
- Performed in-depth data analysis of millions of rows of transaction, customer, products, and click-stream data.
- Sucessfully created customer churn prediction model with 89% accuracy using Random Forest and provide recommendations to prevent costumer churn.

MamiSiaga, The Digitalized Version of KIA-book for Mother's and Infant's Health

May 2022 - Jun 2022

Machine learning developer

- I am part of a six person team developing called as "MamiSiaga", the digitalized version of KIA-book for mother's and infant's health with the goals: improving health and well-being with recorded data into an application, as a companion app that can deliver growth monitoring chart with KMS (Kartu Menuju Sehat) OCR, information of pregnancy control, immunization recommendation and reminder.
- As Machine Learning head developer, we made in app CNN model for KMS validation that could detect whether it is KMS or not and we used ML Kit for extract the KMS information.

Skills, Achievements & Other Experience

- **Certifications:** Google: IT Automation with Python Specialization (2022), DeepLearning.Ai: TensorFlow: Data and Deployment (2022), Imperial College London: Mathematics for Machine Learning Specialization (2022), DeepLearning.Ai: TensorFlow Developer Specialization (2022), DeepLearning.Ai: Structuring ML Projects (2022)
- **Languages:** Bahasa (Native), English (Advance)
- **Technical Skills:** Python (TensorFlow), SQL