# ALDI PUTRA MIFTAQULL ULLUM

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I'm an Informatics student at Universitas Amikom Yogyakarta with a strong interest in data analysis, machine learning, and deep learning. I have practical experience in cleaning, organizing, and analyzing datasets using Python, SQL, Excel, and Looker Studio. My projects involve applying supervised and unsupervised learning algorithms, as well as building deep learning models using frameworks like TensorFlow. I am proficient in Python (pandas, NumPy, scikit-learn, TensorFlow), SQL, and data visualization tools such as matplotlib, seaborn, and Looker Studio to create insightful and interactive dashboards. With a solid foundation in statistics and data processing, I am committed to delivering accurate, meaningful analyses and continuously growing in the field of data science.

## CERTIFICATE

- **Belajar Analisis Data dengan Python,** (Dicoding – 2024)
- **Machine Learning Specialization,** (DeepLearning.AI – 2024)
- **DeepLearning.AI TensorFlow Developer,** (DeepLearning.AI – 2024)
- **TensorFlow: Data and Deployment,** (DeepLearning.AI – 2024)
- **TensorFlow: Advanced Techniques,** (DeepLearning.AI – 2024)
- **Generative AI for Everyone,** (DeepLearning.AI – 2024)
- **Structuring Machine Learning Projects,** (DeepLearning.AI – 2024)
- **Probability & Statistics for Machine Learning & Data Science,** (DeepLearning.AI – 2024)
- **Analyze Data to Answer Questions,** (Google – 2024)
- **Share Data Through the Art of Visualization,** (Google – 2024)

## EDUCATION

**Bangkit Academy 2024 – Machine Learning**                    Feb 2024 – Juli 2024
Machine Learning Student at Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka.

- Learned core machine learning concepts including supervised and unsupervised learning.
- Applied data analysis techniques to extract insights and patterns from datasets.
- Gained advanced skills in CNN, natural language processing, and TensorFlow.
- Conducted hands-on projects applying machine learning to real-world problems.
- Collaborated on a capstone project, developing and presenting a machine learning solution.
- Enhanced skills in Python, data preprocessing, model training, and evaluation.

Certificate

**S1 Informatics**                                              Aug 2021 - Present
Universitas Amikom Yogyakarta, Yogyakarta
Semester: 8
Last GPA: **3.86** / 4.0 (*138 Credits*)

## PROJECT & EXPERIENCE

- **Telkom Indonesia - Performance & Risk Management** (Data Analyst)　　Aug 2024 – Nov 2024
  - **Collect data** from various relevant business units related to company performance and potential risks.
  - **Manage and organize** raw data to ensure accuracy, consistency, and usability.
  - **Process and analyze** data to identify trends, patterns, and anomalies in operational performance.
  - **Conduct in-depth analysis** to support strategic evaluation of company risks and opportunities.
  - **Prepare structured reports** that summarize insights and findings in a clear and actionable format.
  - **Support management decision-making** by delivering data-driven recommendations.
  - **Ensure operational continuity** by monitoring key performance indicators (KPIs) and risk metrics regularly.

- **Gesturo - Sign Learning and Sign Language Translation Application**
  [Documentation](#)
  - Built a model for sign language classification.
  - Implemented a system for translating sign language into text.
  - Documented the development process, including data collection and preprocessing.

- **Music-Players Application**
  [Documentation](#)
  - Developed a music player application with a feature.
  - Documented the application development, focusing on architecture and user interface design.

- **Timing-Point**
  [Documentation](#)
  - Created a website for notetaking and scheduling using Laravel.
  - Implemented features for event scheduling, reminders, and user authentication.
  - Documented the development process, including database design and front-end integration.

- **Dashboard Data Analyst Bike Sharing with Streamlit**
  [Documentation](#)
  - Develop interactive dashboards to analyze and visualize data from bike sharing.
  - Implemented various charts and graphs to represent bike usage patterns.

- **Looker Studio Dashboard Data Analyst | HR Analytics Specialist**
  [Documentation](#)
  - Designed and developed interactive dashboards using Looker Studio to visualize HR metrics and insights.
  - Analyzed HR data to identify trends, patterns, and areas for improvement.
  - Monitored key performance indicators to evaluate HR initiatives and strategies.

## SKILLS

**Tools & Technical Skills**
- **Programming & Data Handling**: Python, SQL, JavaScript
- **Data Analysis & Visualization**: Google Colab, Looker Studio, Tableau, Excel (pivot table, data cleaning)
- **Machine Learning & Deep Learning**: TensorFlow, TFLite, scikit-learn, NumPy, pandas
- **Model Deployment**: TensorFlow Lite for edge deployment
- **Other Tools**: Git, Jupyter Notebook

**Soft Skills**
- **Analytical & Critical Thinking**
- **Problem-Solving**
- **Data-Driven Decision Making**
- **Time Management & Prioritization**
- **Collaboration & Teamwork**
- **Project Planning & Management**