

NARENDRA DZULQARNAIN

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PROFILE

Computer Science undergraduate with a solid foundation in programming, data science, and machine learning. Actively building experience through projects and data science competitions. Eager to learn, contribute to real-world data challenges, and grow in a collaborative environment.

EDUCATION

Universitas Indonesia	2022 – Now
Bachelor of Computer Science	(GPA: 3.50/4.00)
SMAN 42 Jakarta	2019 – 2022
Mathematics and Science – High School Diploma	

EXPERIENCE

Head of Live Production – UI Battlegrounds 2023	Aug – Dec 2023
Leadership, Teamwork, Problem Solving, Communication, Broadcast Operational	
<ul style="list-style-type: none">Led and coordinated the live production team to manage e-sports tournament matches on YoutubeEnsured smooth execution and high-quality delivery of real-time match broadcastsCollaborated closely with casters and the esports division to maintain consistent scheduling and engaging viewer experiences	

PROJECTS

Biomedical Organ Classification – Deep Learning Course 2024/2025
Image Classification, Deep Learning, PyTorch
<ul style="list-style-type: none">Trained a deep learning model from scratch to classify organ types from CT scan images.Preprocessed 61,000+ images using augmentation techniques to improve generalization.Evaluated on 46,000+ unseen samples and achieved an F1-score of 0.901
Deposit Product Subscription Prediction – Competition by Data Science Indonesia (DSI)
Tabular Data Mining, Customer Behavior, Machine Learning, Teamwork
<ul style="list-style-type: none">Collaborated in a team of three to develop a machine learning model predicting customer subscription on deposit productsPerformed data preprocessing, exploratory analysis, and feature engineering to enhance model signalTrained and evaluated various models including stacking ensembles with hyperparameter tuningAchieved an AUC score of 0.7897, closely approaching the top 3 finalist scores (AUC range: 0.794-0.798)
Paper Citation Network Prediction – Competition by Gammafest IPB University 2025
Natural Language Processing, Binary Classification, Text Similarity, Teamwork
<ul style="list-style-type: none">Collaborated in a team of three to predict whether one academic paper cites another within a citation networkApplied text preprocessing (cleaning, tokenization, stop word removal, lemmatization) to prepare raw paper contentEngineered features using TF-IDF embeddings and publication date differences to capture content and temporal relevanceTrained and evaluated binary classifiers, achieving an MCC score of 0.437
Commodity Price Prediction – Competition by Datavidia 9
Time Series Forecasting, Auto Regressive Models, Teamwork
<ul style="list-style-type: none">Collaborated in a team of three to forecast commodity prices across multiple Indonesian provincesPerformed time series analysis to identify trends and seasonality patternsExperimented with statistical models including ARIMA and VARAchieved a MAPE score of 0.0525

SKILLS

- Programming : Python, Java, JavaScript, TypeScript
- Libraries : pandas, numpy, scikit-learn, matplotlib, seaborn, PyTorch
- Tools : Git, Jupyter Notebook, Google Colab, GitHub
- Database : PostgreSQL
- Frameworks : Django, Spring Boot, Next js
- Soft Skill : Problem solving, Teamwork, Leadership, Communication, Adaptability

LANGUAGES

- English – Fluent
- Bahasa Indonesia – Native