



Bandung, 18 July 1995

PERSONAL INFO



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SKILLS

Data Analysis	Data Visualization
Data Cleaning	Machine Learning
Deep Learning	Programming
Version Control	Web Scraping
Data Management	Statistics
Communication	Critical Thinking
Problem Solving	



scan here for projects

ELGA RIDHO MAULANA

JUNIOR DATA SCIENTIST

SUMMARY

A junior data scientist who takes pride in analyzing and visualizing data then building model that can translate the data into advantageous business insights. Used my skill to finish projects, now enthusiast to apply the same knowledge to real-world business problems.

EXPERIENCE

Working

Translating Keras Documentation

Dec 2019

Freelance

Translating Keras tutorials from English to Indonesian. Six tutorials that were translated are classification, text classification, regression, overfit & underfit, save & load, and text classification with hub.

Malware Classification

Oct 2019

Freelance

Created Random Forest and SVM model for classifying 9 types of malware. Feature extraction and feature engineering had been done before creating the model. Got 90% accuracy from the model.

PT Sinkona Indonesia Lestari

Jun - Jul 2016

Internship

Did research on essential oil production from nilam plant. Collected and analyzed data to calculate difference oil productivity from different treatment before extraction process.

Project

Grocery Food Recommendation System – Nov 2019

Created recommendation system for grocery food using demographic filtering and content based filtering. In this project, logistic regression model was created to classify whether a review is a good or a bad one. Also, created dashboard using Flask framework, HTML5, and Bootstrap.

Spam Detector – Oct 2019

Created model for detecting whether the mail is spam or ham with 96% accuracy using Multinomial Naive Bayes. The data was pre-processed using natural language tool kit (nltk) library.

Private/Public University Clustering - Oct 2019

Created unsupervised learning model for clustering university type. The model was created using K-means algorithm.

Air bnb Singapore Pricing - Oct 2019

Created regression model (linear, Ridge, Lasso) to predict the price of Air bnb Singapore. The model was evaluated using Mean Absolute Error (MEA) and Root Mean Square Error (RMSE).

Global Terrorism - Sep 2019

Cleaned, Explored, and Visualized to get insight from Global Terrorism data.

Web Scraping - Aug 2019

Scraped useful data from e-commerce using Beautiful Soup.

EDUCATION

Machine Learning Researcher

PT. Quantus Telematika Indonesia

Nov – Dec 2019

- Learned statistics behind machine learning model
- Learned text mining using python

Data Science

Purwadhika Startup and Coding School

Aug - Oct 2019

- Learned Fundamental of Python, Data Analytics, Data Visualization, and Machine Learning using Python
- Learned querying SQL Database
- Learned creating dashboard using Flask
- Got perfect score on Data Analytics & Visualization and Machine Learning module

TOOLS

Python	Pandas
Scikit-learn	NumPy
Matplotlib	Seaborn
MySQL	Keras
Flask	Beautiful Soup
Pyplot	Folium
Eli5	Yellowbrick
GIT	Github

LANGUAGES

Indonesian	English
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Python Boot Camp

Praxis Academy

Jul - Aug 2019

- Learned Basic Python (variable, data type, if-else statement, looping, function, class)
- Learned Object Oriented Programming (OOP) with Python
- Learned creating website using Django

Cloud Computing

Kominfo - Digital Talent Scholarship

Nov - Dec 2018

- Learned cloud computing using Microsoft Azure
- Finished the scholarship with very good predicate and awarded as top talent

Bioengineering

Bandung Institute of Technology (ITB)

2013 - 2017

- GPA 3.71 / 4.0
- Took data analysis and interpretation class

CERTIFICATIONS

Data Scientist with Python

Datacamp

2019

A Data Scientist combines statistical and machine learning techniques with Python programming to analyze and interpret complex data. Include 26 courses (100 hours).