Machine Learning: Supervised & Unsupervised Assignment

Data Science Learning Studio

Data Literacy for Better Policy

DSLS

Article
Assignment

Create an article in Medium which cover these of points :

- Step and techniques to do data preparation
- Step and techniques to build model (supervised, unsupervised, or both)

Subtopic References

This can be used as reference to create data modelling article. You may choose one of these subtopics or proposed a new one as long relevant with topics chosen.
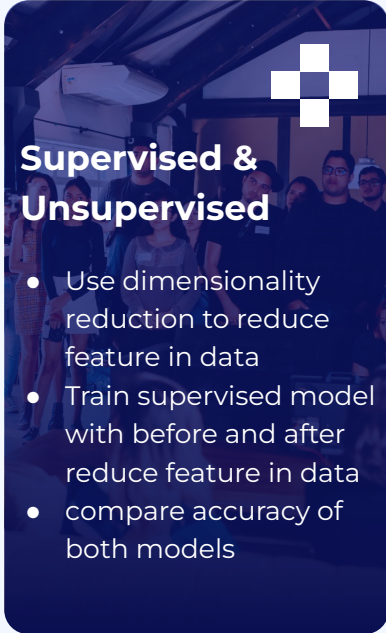
Supervised Learning

- How to train ML supervised model
- How to evaluate ML model
- How to make prediction/inference with trained ML model

Unsupervised: Clustering

- How to train ML unsupervised (clustering) model
- How to make prediction/inference with trained ML model

Supervised & Unsupervised

- Use dimensionality reduction to reduce feature in data
- Train supervised model with before and after reduce feature in data
- compare accuracy of both models

Submission Guideline

Content

- Create clear and interesting title
- Original idea, plagiarism not allowed
- Put a nice and relevant picture to make your article more interesting
- Provide link reference if any.

Format

- Medium article
- Minimum 3 paragraphs, 700 words
- Attach/put piece of code used for data preparation and data modelling process along with the output in article

Submission Deadline

- Publish your article in Medium before 1 February 2022, 23:59 WIB and upload the link in google classroom. .

DATA SCIENCE INDONESIA