

TUGAS SESI 6 EVALUASI KLASIFIKASI

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[1]: import numpy as np
   import pandas as pd
   from sklearn.datasets import load_wine
   from sklearn.model_selection import train_test_split
   from sklearn.tree import DecisionTreeClassifier
   from sklearn.metrics import accuracy_score, classification_report
   from sklearn import tree
   import matplotlib.pyplot as plt
[2]: # Muat dataset
```

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[3]: # Inisialisasi dan latih model pohon keputusan
clf = DecisionTreeClassifier()
clf.fit(X_train, y_train)
```

[3]: DecisionTreeClassifier()

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[4]: # Prediksi kelas untuk data uji
y_pred = clf.predict(X_test)

# Evaluasi akurasi
accuracy = accuracy_score(y_test, y_pred)
print("Akurasi:", accuracy)
```



Akurasi: 0.9444444444444444

Laporan Klasifikasi:

	precision	recall fi	1-score	support
0.0	0.93	0.93	0.93	14
1.0	0.93	1.00	0.97	14
0.0	1 00	0.00	0 00	
2.0	1.00	0.88	0.93	8
accuracy			0.94	36
macro avg	0.95	0.93	0.94	36
weighted avg	0.95	0.94	0.94	36
orgiicca avg	0.30	0.01	0.01	90

