

LAMPIRAN

Lampiran 1. Hasil Evaluasi Model

```
Classification Report:
              precision    recall  f1-score   support

     0       0.98         1.00         0.99         1095
     1       1.00         0.97         0.98          576

 accuracy          0.99
 macro avg         0.99         0.98         0.99         1671
 weighted avg      0.99         0.99         0.99         1671
```

```
Confusion Matrix:
[[1095    0]
 [   19  557]]
```

Classification Report Decision Tree (Konservatif)

```
Classification Report:
              precision    recall  f1-score   support

     0       0.77         1.00         0.87         1095
     1       1.00         0.43         0.60          576

 accuracy          0.80
 macro avg         0.88         0.72         0.74         1671
 weighted avg      0.85         0.80         0.78         1671
```

```
Confusion Matrix:
[[1095    0]
 [ 328  248]]
```

Classification Report SVM (Konservatif)

```
Classification Report:
              precision    recall  f1-score   support

     0       1.00         0.00         0.01         1095
     1       0.35         1.00         0.51          576

 accuracy          0.35
 macro avg         0.67         0.50         0.26         1671
 weighted avg      0.77         0.35         0.18         1671
```

```
Confusion Matrix:
[[    4 1091]
 [    0  576]]
```

Classification Report Naive Bayes (Konservatif)

```

Classification Report:
              precision    recall  f1-score   support

         0       0.95      1.00      0.97      1095
         1       1.00      0.90      0.94       576

 accuracy      0.96      0.96      0.96      1671
 macro avg     0.97      0.95      0.96      1671
weighted avg     0.97      0.96      0.96      1671

```

```

Confusion Matrix:
[[1094   1]
 [  60 516]]

```

Classification Report KNN (Konservatif)

```

Classification Report:
              precision    recall  f1-score   support

         0       1.00      1.00      1.00       117
         1       1.00      1.00      1.00      1523

 accuracy      1.00      1.00      1.00      1640
 macro avg     1.00      1.00      1.00      1640
weighted avg     1.00      1.00      1.00      1640

```

```

Confusion Matrix:
[[ 117   0]
 [   0 1523]]

```

Classification Report Random Forest (Moderat)

```

Classification Report:
              precision    recall  f1-score   support

         0       1.00      1.00      1.00       117
         1       1.00      1.00      1.00      1523

 accuracy      1.00      1.00      1.00      1640
 macro avg     1.00      1.00      1.00      1640
weighted avg     1.00      1.00      1.00      1640

```

```

Confusion Matrix:
[[ 117   0]
 [   0 1523]]

```

Classification Report Decision Tree (Moderat)

Classification Report:

	precision	recall	f1-score	support
0	0.25	1.00	0.40	117
1	1.00	0.77	0.87	1523
accuracy			0.78	1640
macro avg	0.62	0.88	0.63	1640
weighted avg	0.95	0.78	0.83	1640

Confusion Matrix:

```
[[ 117   0]
 [ 354 1169]]
```

Classification Report SVM (Moderat)

Classification Report:

	precision	recall	f1-score	support
0	0.23	1.00	0.37	117
1	1.00	0.74	0.85	1523
accuracy			0.76	1640
macro avg	0.61	0.87	0.61	1640
weighted avg	0.94	0.76	0.82	1640

Confusion Matrix:

```
[[ 117   0]
 [ 397 1126]]
```

Classification Report Naive Bayes (Moderat)

Classification Report:

	precision	recall	f1-score	support
0	0.24	1.00	0.39	117
1	1.00	0.63	0.78	1523
2	0.00	0.00	0.00	0
accuracy			0.66	1640
macro avg	0.41	0.54	0.39	1640
weighted avg	0.95	0.66	0.75	1640

Confusion Matrix:

```
[[117  0  0]
 [365 965 193]
 [ 0  0  0]]
```

Classification Report KNN (Moderat)

Classification Report:

	precision	recall	f1-score	support
0	0.99	1.00	0.99	227
1	1.00	0.99	0.99	259
2	1.00	1.00	1.00	1173
accuracy			1.00	1659
macro avg	1.00	1.00	1.00	1659
weighted avg	1.00	1.00	1.00	1659

Confusion Matrix:

```
[[ 227   0   0]
 [   3 256   0]
 [   0   0 1173]]
```

Classification Report Random Forest (Agresif)

Classification Report:

	precision	recall	f1-score	support
Konservatif	0.99	1.00	0.99	227
Moderat	1.00	0.99	0.99	259
Tense	1.00	1.00	1.00	1173
accuracy			1.00	1659
macro avg	1.00	1.00	1.00	1659
weighted avg	1.00	1.00	1.00	1659

Confusion Matrix:

```
[[ 226   1   0]
 [   2 257   0]
 [   0   0 1173]]
```

Classification Report Decision Tree (Agresif)

Classification Report:

	precision	recall	f1-score	support
0	0.98	1.00	0.99	244
1	0.40	0.99	0.56	422
2	1.00	0.36	0.52	993
accuracy			0.61	1659
macro avg	0.79	0.78	0.69	1659
weighted avg	0.84	0.61	0.60	1659

Confusion Matrix:

```
[[244   0   0]
 [   4 418   0]
 [   0 640 353]]
```

Classification Report SVM (Agresif)

```

Classification Report:
              precision    recall  f1-score   support

     0           0.98       0.20       0.34         244
     1           0.26       1.00       0.41         422
     2           0.00       0.00       0.00         993

 accuracy          0.28         1659
 macro avg         0.41       0.40       0.25         1659
 weighted avg      0.21       0.28       0.16         1659

```

```

Confusion Matrix:
[[ 50 194   0]
 [   1 421   0]
 [   0 993   0]]

```

Classification Report Naive Bayes (Agresif)

```

Classification Report:
              precision    recall  f1-score   support

     0           0.96       0.98       0.97         244
     1           0.45       0.96       0.62         422
     2           0.98       0.52       0.68         993

 accuracy          0.70         1659
 macro avg         0.80       0.82       0.76         1659
 weighted avg      0.85       0.70       0.71         1659

```

```

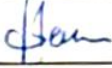
Confusion Matrix:
[[238   6   0]
 [  9 404   9]
 [  0 478 515]]

```

Classification Report KNN (Agresif)

**LEMBAR KONSULTASI PEMBIMBING TUGAS AKHIR
MAHASISWA FAKULTAS TEKNIK**

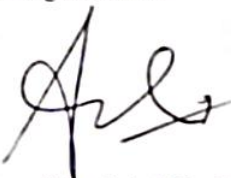
NAMA : Hendri Ridwan Ramadhan
NIM : 2110314013
PROGRAM STUDI : Teknik Elektro
JUDUL TUGAS AKHIR : ANALISIS PERILAKU PENGEMUDI BERDASARKAN DATA CAN BUS TERHADAP KONSUMSI BAHAN BAKAR BERBASIS ALGORITMA KLASIFIKASI
PEMBIMBING : Ni Putu Devira Ayu Martini, S.Tr.T., M.Tr.T.

No	HARI	TANGGAL	MATERI KONSULTASI	PARAF PEMBIMBING
1	Jumat	18-02-2025	Bimbingan BAB I	
2	Kamis	07-03-2025	BAB I & BAB II	
3	Jumat	18-04-2025	BAB III	
4	Rabu	11-07-2025	BAB III & ACC	
5	Jumat	08-08-2025	Bimbingan Revisi Seminar Proposal.	
6	Jumat	19-09-2025	Bimbingan Pengumpulan Data	
7	Jumat	21-11-2025	Bimbingan Metode	
8	Jumat	10-10-2025	Bimbingan Analisa Hasil	
9	Kamis	21-11-2025	Bimbingan Kesimpulan & Saran	
10	Jumat	19-12-2025	Bimbingan Abstrak & Penutup.	

Keterangan :

1. Setiap konsultasi harus diparaf Dosen Pembimbing
2. Minimal jumlah konsultasi sebanyak 8 kali pertemuan
3. Penyelesaian TA/Skripsi paling cepat 3 (tiga) bulan dan paling lambat 6 (enam) bulan sejak surat pengantar dikeluarkan oleh sekretariat Fakultas

Jakarta, 21 November 2025
Kepala Program Studi



(Ir. Achmad Zuchriadi P., S.T., M.T.)

**LEMBAR KONSULTASI PEMBIMBING TUGAS AKHIR
MAHASISWA FAKULTAS TEKNIK**

NAMA : Hendri Ridwan Ramadhan
 NIM : 2110314013
 PROGRAM STUDI : Teknik Elektro
 JUDUL TUGAS AKHIR : ANALISIS PERILAKU PENGEMUDI BERDASARKAN DATA CAN BUS TERHADAP KONSUMSI BAHAN BAKAR BERBASIS ALGORITMA KLASIFIKASI
 PEMBIMBING : Luh Krisnawati, ST, MT.

No	HARI	TANGGAL	MATERI KONSULTASI	PARAF PEMBIMBING
1	Senin	04-01-2025	Penulisan BAB I	
2	Senin	20-01-2025	Penulisan BAB II	
3	Senin	07-02-2025	Penulisan BAB III	
4	Senin	17-02-2025	Penulisan BAB IV	
5	Senin	03-03-2025	Penulisan BAB V	
6	Senin	02-06-2025	Penulisan Abstrak	
7	Senin	07-07-2025	Penulisan Kata Pengantar	
8	Senin	04-09-2025	Revisi Penulisan	
9	Senin	29-12-2025	Revisi Penulisan	
10	Selasa	30-12-2025	Revisi Penulisan & ACC	

Keterangan :

1. Setiap konsultasi harus diparaf Dosen Pembimbing
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