**Tabel 1.** Koefisien Korelasi

|  |  |
| --- | --- |
| **Koefisien** | **Keterangan** |
| 0 | Tidak ada korelasi antara dua variable |
| >0 – 0,25 | Korelasi sangat lemah |
| >0,25 - 0,5 | Korelasi cukup |
| >0,5 – 0,75 | Korelasi kuat |
| 1 | Korelasi hubungan sempurna positif |
| -1 | Korelasi hubungan sempurna negatif |

**Table 1 Hyperparameter Tuning**

|  |  |
| --- | --- |
| **Hyperparameter** | **Value** |
| n\_estimators | [100, 150, 200] |
| max\_depth | [20, 50, 80] |
| max\_features | [0.3, 0.6, 0.8] |
| min\_samples\_leaf | [1, 5, 10] |

**Table 2 Hasil Hyperparameter Tuning**

|  |  |
| --- | --- |
| **Hyperparameter** | **Value** |
| n\_estimators | 150 |
| max\_depth | 20 |
| max\_features | 0.6 |
| min\_samples\_leaf | 1 |

**Table 3 Sampel Hasil Pengujian**

|  |  |  |
| --- | --- | --- |
| **No** | **Y\_test** | **Y\_predict** |
| 1 | 77,3 | 76,586 |
| 2 | 75,8 | 75,90011852 |
| 3 | 81,7 | 81,393 |
| 4 | 47,7 | 48,94666667 |
| 5 | 79,8 | 81,38066667 |
| 6 | 73,6 | 73,33817308 |
| 7 | 71 | 71,35915641 |
| 8 | 77,6 | 78,284 |
| 9 | 72,6 | 72,57580346 |
| 10 | 61,4 | 63,056 |