```
 1 C:\Users\yashh\anaconda3\python.exe D:\ada-ia4\
   mlmodels.py
 2 C:\Users\yashh\anaconda3\Lib\site-packages\sklearn\
   linear_model\_logistic.py:458: ConvergenceWarning:
   lbfgs failed to converge (status=1):
 3 STOP: TOTAL NO. of ITERATIONS REACHED LIMIT.
 4
 5 Increase the number of iterations (max_iter) or scale
    the data as shown in:
 6     https://scikit-learn.org/stable/modules/
   preprocessing.html
 7 Please also refer to the documentation for
   alternative solver options:
 8     https://scikit-learn.org/stable/modules/
   linear_model.html#logistic-regression
 9   n_iter_i = _check_optimize_result(
10 C:\Users\yashh\anaconda3\Lib\site-packages\sklearn\
   linear_model\_logistic.py:458: ConvergenceWarning:
   lbfgs failed to converge (status=1):
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24        https://scikit-learn.org/stable/modules/
   linear_model.html#logistic-regression
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   preprocessing.html
39 Please also refer to the documentation for
   alternative solver options:
40        https://scikit-learn.org/stable/modules/
   linear_model.html#logistic-regression
41   n_iter_i = _check_optimize_result(
42
43 Top Features Summary:
44                          RFE_Rank  RF_Importance
   Lasso_Coefficient
45 Battery Type                    1       0.000769
           0.000000
46 Charging Duration (min)         1       0.583079
           0.023654
47 Charging Mode                   1       0.002396
           0.000000
```

```
48 Degradation Rate (%)            1        0.156855
             0.000000
49 EV Model                        1        0.001769
             0.000000
50 Efficiency (%)                  2        0.149441
            -0.000000
51 Ambient Temp (°C)               3        0.008265
            -0.000000
52 Battery Temp (°C)               4        0.009166
             0.000000
53 Voltage (V)                     5        0.010351
             0.000000
54 SOC (%)                         6        0.059226
             0.000000
55
56 Process finished with exit code 0
57
```