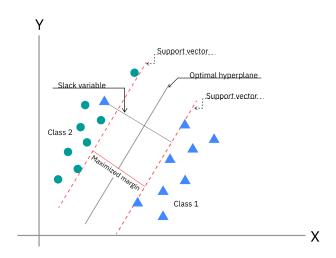
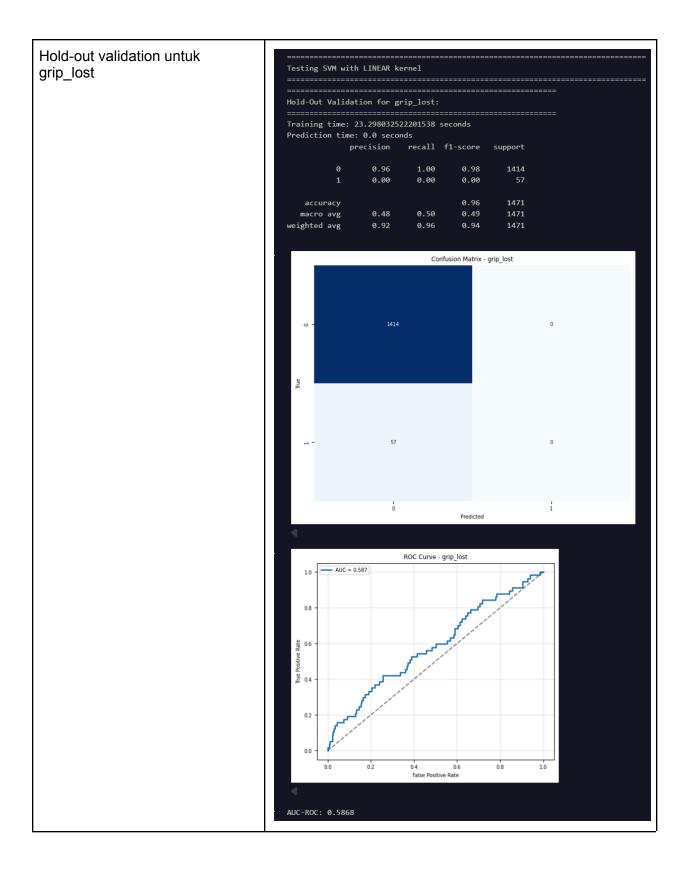
Support Vector Machine (SVM)

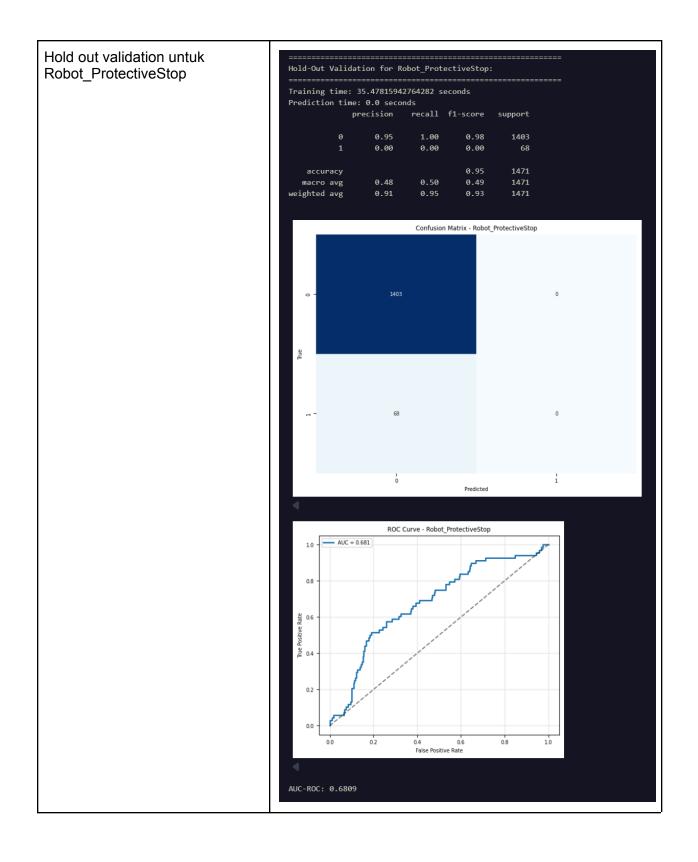
Cara Kerja



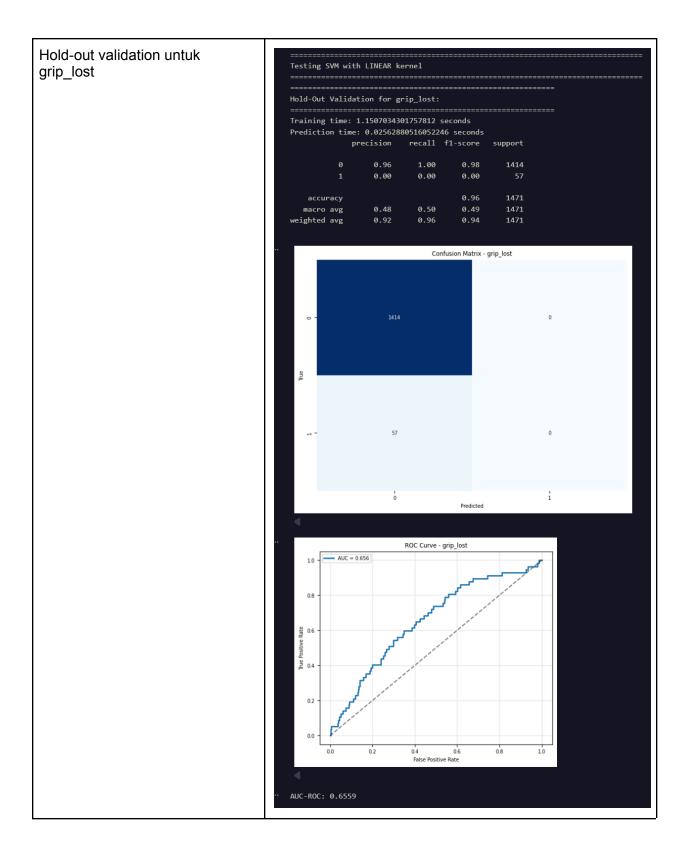
Evaluasi Model

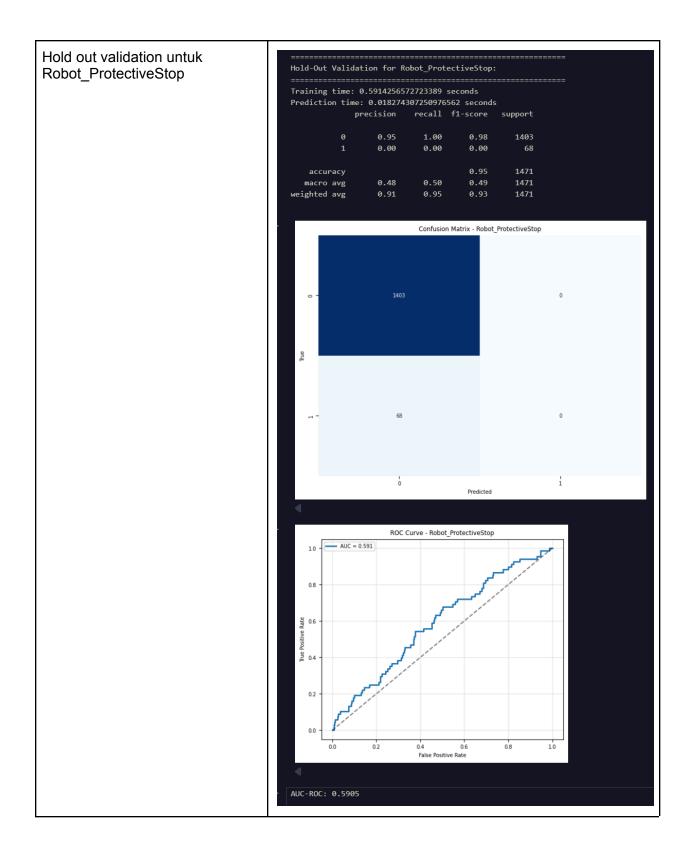
Evaluasi	Hasil
Model from Scratch	





```
K-fold cross validation untuk
grip_lost
                                               Cross Validation for grip_lost:
                                               Model Performance (5-Fold Cross Validation):
                                               fit_time: [38.06301212 29.91965699 34.29635072 47.59330678 36.29580259]
                                               score time: [0.0065484  0.00653934  0.01010847  0.0075078  0.02003241]
                                               test_precision: [0. 0. 0. 0. 0.]
                                               Average test_precision: 0.00
                                               test_recall: [0. 0. 0. 0. 0.]
                                               Average test_recall: 0.00
                                               test_f1: [0. 0. 0. 0. 0.]
                                               Average test_f1: 0.00
K-fold cross validation untuk
Robot_ProtectiveStop
                                                Cross Validation for Robot_ProtectiveStop:
                                                Model Performance (5-Fold Cross Validation):
                                                fit_time: [31.96709681 27.7054584 22.35300517 21.23884964 21.31875515]
                                                score_time: [0.00400519 0.00503778 0.00400281 0.00351191 0.00401711]
                                                test_precision: [0. 0. 0. 0. 0.]
                                                Average test_precision: 0.00
                                                test_recall: [0. 0. 0. 0. 0.]
                                                Average test_recall: 0.00
                                                test_f1: [0. 0. 0. 0. 0.]
                                                Average test_f1: 0.00
                                               Model Scikit-Learn
```





```
K-fold cross validation untuk
grip_lost
                                               Cross Validation for grip_lost:
                                               Model Performance (5-Fold Cross Validation):
                                                fit_time: [0.61604238 0.87406826 0.99513531 0.93005371 1.14312315]
                                                score_time: [0.01884604 0.02561831 0.02104497 0.02630615 0.02857304]
                                                test_precision: [0. 0. 0. 0. 0.]
                                               Average test_precision: 0.00
                                                test_recall: [0. 0. 0. 0. 0.]
                                                Average test_recall: 0.00
                                                test_f1: [0. 0. 0. 0. 0.]
                                               Average test_f1: 0.00
K-fold cross validation untuk
Robot_ProtectiveStop
                                              Cross Validation for Robot_ProtectiveStop:
                                              Model Performance (5-Fold Cross Validation):
                                               fit_time: [0.91390324 1.0460732 1.05590796 1.18937159 0.98239303]
                                              score_time: [0.03044343 0.03454709 0.03554249 0.03207207 0.03408766]
                                              test_precision: [0. 0. 0. 0. 0.]
                                              Average test_precision: 0.00
                                              test_recall: [0. 0. 0. 0. 0.]
                                              Average test_recall: 0.00
                                              test_f1: [0. 0. 0. 0. 0.]
                                              Average test_f1: 0.00
```

Improvement