Epoch 1/10

438/438 - 4s - 9ms/step - accuracy: 0.9194 - loss: 0.2703

Epoch 2/10

438/438 - 3s - 7ms/step - accuracy: 0.9668 - loss: 0.1078

Epoch 3/10

438/438 - 3s - 6ms/step - accuracy: 0.9753 - loss: 0.0763

Epoch 4/10

438/438 - 3s - 7ms/step - accuracy: 0.9811 - loss: 0.0595

Epoch 5/10

438/438 - 3s - 7ms/step - accuracy: 0.9843 - loss: 0.0477

Epoch 6/10

438/438 - 3s - 7ms/step - accuracy: 0.9861 - loss: 0.0412

Epoch 7/10

438/438 - 3s - 7ms/step - accuracy: 0.9880 - loss: 0.0363

Epoch 8/10

438/438 - 3s - 6ms/step - accuracy: 0.9896 - loss: 0.0314

Epoch 9/10

438/438 - 3s - 7ms/step - accuracy: 0.9906 - loss: 0.0276

Epoch 10/10

438/438 - 3s - 6ms/step - accuracy: 0.9912 - loss: 0.0260

[1m438/438[0m [32m━━━━━━━━━━━━━━━━━━━━[0m[37m[0m [1m1s[0m 2ms/step

Model evaluation of random forest:

Accuracy: 0.9675

Precision: 0.9675018656506922

Recall: 0.9675

F1 Score: 0.9674871124026196

Model evaluation of ANN:

Accuracy: 0.9781

Precision: 0.9783783585132869

Recall: 0.9781428571428571

F1 Score: 0.9781451226348142

A graph of a graph with numbers and labels

AI-generated content may be incorrect.

A graph with numbers and labels

AI-generated content may be incorrect.

A graph of a curve

AI-generated content may be incorrect.

Model evaluation of AdaBoost:

Accuracy: 0.7376

Precision: 0.7387530522686281

Recall: 0.7376428571428572

F1 Score: 0.7335574625096599

A graph of a diagram

AI-generated content may be incorrect.

A graph of a curve

AI-generated content may be incorrect.