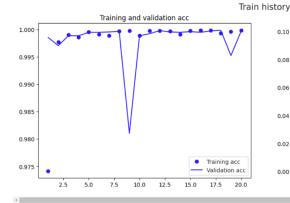


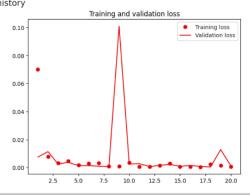
∃	Model: "sequential"			
	Layer (type)	Output Shape	Param #	
	dense (Dense)	(None, 50)	1400	
	dense_1 (Dense)	(None, 50)	2550	
	dense_2 (Dense)	(None, 50)	2550	
	dense_3 (Dense)	(None, 50)	2550	
	dense_4 (Dense)	(None, 50)	2550	
	dense_5 (Dense)	(None, 50)	2550	
	dense_6 (Dense)	(None, 2)	102	

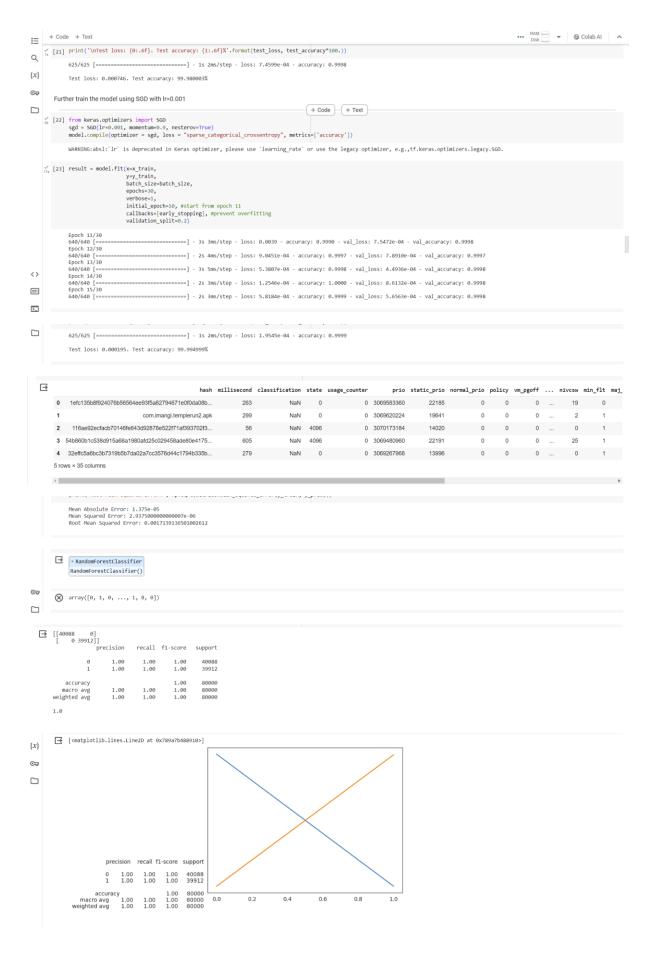
Total params: 14252 (55.67 KB)
Trainable params: 14252 (55.67 KB)
Non-trainable params: 0 (0.00 Byte)

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         Epoch 1/20
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         Epoch 1/20
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Epoch 2/20
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Epoch 4/20
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Epoch 5/20
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Epoch 7/20
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Epoch 7/20
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                                =======] - 5s 5ms/step - loss: 0.0700 - accuracy: 0.9742 - val_loss: 0.0075 - val_accuracy: 0.9986
      \supseteq
                                    ==] - 2s 4ms/step - loss: 0.0077 - accuracy: 0.9977 - val loss: 0.0113 - val accuracy: 0.9971
{x}
                                     ==] - 3s 4ms/step - loss: 0.0032 - accuracy: 0.9990 - val_loss: 0.0025 - val_accuracy: 0.9989
©<del>7</del>
                                    ===] - 2s 3ms/step - loss: 0.0047 - accuracy: 0.9986 - val loss: 0.0038 - val accuracy: 0.9989
==] - 2s 3ms/step - loss: 0.0016 - accuracy: 0.9996 - val_loss: 0.0013 - val_accuracy: 0.9995
                            =======] - 2s 3ms/step - loss: 0.0028 - accuracy: 0.9991 - val_loss: 0.0014 - val_accuracy: 0.9995
                              =======] - 3s 5ms/step - loss: 0.0032 - accuracy: 0.9989 - val loss: 9.4262e-04 - val accuracy: 0.9996
         640/640 [===
Epoch 8/20
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Epoch 9/20
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Epoch 10/20
640/640 [===
                                    ===] - 2s 4ms/step - loss: 8.8020e-04 - accuracy: 0.9997 - val_loss: 7.0321e-04 - val_accuracy: 0.9997
                              Epoch 11/20
640/640 [===
Epoch 12/20
640/640 [===
Epoch 13/20
                          640/640 [===
Epoch 14/20
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Epoch 15/20
640/640 [===
                              =======] - 2s 4ms/step - loss: 0.0015 - accuracy: 0.9997 - val loss: 0.0015 - val accuracy: 0.9996
                              640/640 [===
Epoch 16/20
640/640 [===
Epoch 17/20
640/640 [===
Epoch 18/20
640/640 [===
Epoch 19/20
                              <>
                         ==
                         ========] - 2s 3ms/step - loss: 0.0025 - accuracy: 0.9994 - val loss: 4.0347e-04 - val accuracy: 0.9999
                           >_
         640/640 [==:
Epoch 20/20
```

cipython-input-20-57c12cf59d48>:18: UserWarning: color is redundantly defined by the 'color' keyword argument and the fmt string "bo" (-> color='b'). The keyword argument will take pre ax2.plot(epochs, loss, "bo", label = "training loss", color = 'red')
cipython-input-20-57c12cf59d48>:19: UserWarning: color is redundantly defined by the 'color' keyword argument and the fmt string "b" (-> color=(0.0, 0.0, 1.0, 1)). The keyword argument ax2.plot(epochs, val\_loss, "b", label = "Validation loss", color = 'red')







<Axes: ylabel='count'>