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1 C:\Users\mail2\AppData\Local\Programs\Python\Python38
  \python.exe "C:/Users/mail2/Documents/Nauka/PJA 2021/
  SEMESTR VII/NAI/Projekty/Neural_Network/Clothes/main.
  py"
2 Model: "sequential"
3 -----
4 -----
4 Layer (type)                      Output Shape
      Param #
5 =====
5 =====
6 flatten (Flatten)                 (None, 784
   )                                0
7
8 dense (Dense)                     (None, 128
   )                                100480
9
10 dense_1 (Dense)                  (None, 10
   )                                1290
11
12 =====
12 =====
13 Total params: 101,770
14 Trainable params: 101,770
15 Non-trainable params: 0
16 -----
17 -----
17 Epoch 1/50
18 235/235 [=====] - 1s 2ms/
   step - loss: 0.6084 - accuracy: 0.7946 - val_loss: 0.
   5007 - val_accuracy: 0.8223
19 Epoch 2/50
20 235/235 [=====] - 0s 2ms/
   step - loss: 0.4295 - accuracy: 0.8514 - val_loss: 0.
   4626 - val_accuracy: 0.8310
21 Epoch 3/50
22 235/235 [=====] - 0s 2ms/
   step - loss: 0.3899 - accuracy: 0.8628 - val_loss: 0.

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22 4277 - val_accuracy: 0.8460
23 Epoch 4/50
24 235/235 [=====] - 0s 2ms/
   step - loss: 0.3654 - accuracy: 0.8702 - val_loss: 0.
   4071 - val_accuracy: 0.8551
25 Epoch 5/50
26 235/235 [=====] - 0s 2ms/
   step - loss: 0.3426 - accuracy: 0.8787 - val_loss: 0.
   3832 - val_accuracy: 0.8621
27 Epoch 6/50
28 235/235 [=====] - 0s 2ms/
   step - loss: 0.3261 - accuracy: 0.8834 - val_loss: 0.
   3844 - val_accuracy: 0.8637
29 Epoch 7/50
30 235/235 [=====] - 0s 2ms/
   step - loss: 0.3155 - accuracy: 0.8865 - val_loss: 0.
   3679 - val_accuracy: 0.8672
31 Epoch 8/50
32 235/235 [=====] - 0s 2ms/
   step - loss: 0.3043 - accuracy: 0.8915 - val_loss: 0.
   3664 - val_accuracy: 0.8661
33 Epoch 9/50
34 235/235 [=====] - 0s 2ms/
   step - loss: 0.2930 - accuracy: 0.8938 - val_loss: 0.
   3554 - val_accuracy: 0.8723
35 Epoch 10/50
36 235/235 [=====] - 0s 2ms/
   step - loss: 0.2852 - accuracy: 0.8974 - val_loss: 0.
   3484 - val_accuracy: 0.8762
37 Epoch 11/50
38 235/235 [=====] - 0s 2ms/
   step - loss: 0.2760 - accuracy: 0.8992 - val_loss: 0.
   3590 - val_accuracy: 0.8775
39 Epoch 12/50
40 235/235 [=====] - 0s 2ms/
   step - loss: 0.2694 - accuracy: 0.9017 - val_loss: 0.
   3365 - val_accuracy: 0.8788
41 Epoch 13/50
42 235/235 [=====] - 0s 2ms/
   step - loss: 0.2597 - accuracy: 0.9065 - val_loss: 0.
   3444 - val_accuracy: 0.8775
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43 Epoch 14/50
44 235/235 [=====] - 0s 2ms/
    step - loss: 0.2532 - accuracy: 0.9081 - val_loss: 0.
    3311 - val_accuracy: 0.8808
45 Epoch 15/50
46 235/235 [=====] - 0s 2ms/
    step - loss: 0.2501 - accuracy: 0.9096 - val_loss: 0.
    3309 - val_accuracy: 0.8826
47 Epoch 16/50
48 235/235 [=====] - 0s 2ms/
    step - loss: 0.2440 - accuracy: 0.9108 - val_loss: 0.
    3251 - val_accuracy: 0.8843
49 Epoch 17/50
50 235/235 [=====] - 0s 2ms/
    step - loss: 0.2375 - accuracy: 0.9139 - val_loss: 0.
    3288 - val_accuracy: 0.8836
51 Epoch 18/50
52 235/235 [=====] - 0s 2ms/
    step - loss: 0.2320 - accuracy: 0.9152 - val_loss: 0.
    3314 - val_accuracy: 0.8836
53 Epoch 19/50
54 235/235 [=====] - 0s 2ms/
    step - loss: 0.2252 - accuracy: 0.9180 - val_loss: 0.
    3257 - val_accuracy: 0.8858
55 Epoch 00019: early stopping
56
57 Process finished with exit code 0
58
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