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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: 0.5970 - accuracy: 0.7995 - val_loss: 0.
   4774 - val_accuracy: 0.8324
19 Epoch 2/50
20 235/235 [=====] - 0s 2ms/
   step - loss: 0.4215 - accuracy: 0.8540 - val_loss: 0.
   4256 - val_accuracy: 0.8496
21 Epoch 3/50
22 235/235 [=====] - 0s 2ms/
   step - loss: 0.3860 - accuracy: 0.8649 - val_loss: 0.

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22 4009 - val_accuracy: 0.8587
23 Epoch 4/50
24 235/235 [=====] - 0s 2ms/
   step - loss: 0.3558 - accuracy: 0.8730 - val_loss: 0.
   4041 - val_accuracy: 0.8583
25 Epoch 5/50
26 235/235 [=====] - 0s 2ms/
   step - loss: 0.3363 - accuracy: 0.8808 - val_loss: 0.
   3796 - val_accuracy: 0.8668
27 Epoch 6/50
28 235/235 [=====] - 0s 2ms/
   step - loss: 0.3208 - accuracy: 0.8848 - val_loss: 0.
   3644 - val_accuracy: 0.8714
29 Epoch 7/50
30 235/235 [=====] - 0s 2ms/
   step - loss: 0.3107 - accuracy: 0.8894 - val_loss: 0.
   3668 - val_accuracy: 0.8716
31 Epoch 8/50
32 235/235 [=====] - 0s 2ms/
   step - loss: 0.2960 - accuracy: 0.8935 - val_loss: 0.
   3704 - val_accuracy: 0.8627
33 Epoch 9/50
34 235/235 [=====] - 0s 2ms/
   step - loss: 0.2867 - accuracy: 0.8964 - val_loss: 0.
   3594 - val_accuracy: 0.8728
35 Epoch 10/50
36 235/235 [=====] - 0s 2ms/
   step - loss: 0.2761 - accuracy: 0.9008 - val_loss: 0.
   3401 - val_accuracy: 0.8788
37 Epoch 11/50
38 235/235 [=====] - 0s 2ms/
   step - loss: 0.2725 - accuracy: 0.9020 - val_loss: 0.
   3518 - val_accuracy: 0.8756
39 Epoch 12/50
40 235/235 [=====] - 0s 2ms/
   step - loss: 0.2627 - accuracy: 0.9044 - val_loss: 0.
   3390 - val_accuracy: 0.8799
41 Epoch 13/50
42 235/235 [=====] - 0s 2ms/
   step - loss: 0.2585 - accuracy: 0.9058 - val_loss: 0.
   3356 - val_accuracy: 0.8780
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43 Epoch 14/50
44 235/235 [=====] - 0s 2ms/
   step - loss: 0.2499 - accuracy: 0.9079 - val_loss: 0.
   3361 - val_accuracy: 0.8800
45 Epoch 15/50
46 235/235 [=====] - 0s 2ms/
   step - loss: 0.2450 - accuracy: 0.9108 - val_loss: 0.
   3647 - val_accuracy: 0.8720
47 Epoch 16/50
48 235/235 [=====] - 0s 2ms/
   step - loss: 0.2388 - accuracy: 0.9124 - val_loss: 0.
   3341 - val_accuracy: 0.8801
49 Epoch 17/50
50 235/235 [=====] - 0s 2ms/
   step - loss: 0.2350 - accuracy: 0.9150 - val_loss: 0.
   3279 - val_accuracy: 0.8849
51 Epoch 18/50
52 235/235 [=====] - 0s 2ms/
   step - loss: 0.2273 - accuracy: 0.9168 - val_loss: 0.
   3291 - val_accuracy: 0.8861
53 Epoch 19/50
54 235/235 [=====] - 0s 2ms/
   step - loss: 0.2250 - accuracy: 0.9183 - val_loss: 0.
   3388 - val_accuracy: 0.8794
55 Epoch 20/50
56 235/235 [=====] - 0s 2ms/
   step - loss: 0.2217 - accuracy: 0.9187 - val_loss: 0.
   3241 - val_accuracy: 0.8882
57 Epoch 21/50
58 235/235 [=====] - 0s 2ms/
   step - loss: 0.2163 - accuracy: 0.9207 - val_loss: 0.
   3202 - val_accuracy: 0.8879
59 Epoch 22/50
60 235/235 [=====] - 0s 2ms/
   step - loss: 0.2112 - accuracy: 0.9228 - val_loss: 0.
   3687 - val_accuracy: 0.8736
61 Epoch 23/50
62 235/235 [=====] - 0s 2ms/
   step - loss: 0.2083 - accuracy: 0.9238 - val_loss: 0.
   3476 - val_accuracy: 0.8797
63 Epoch 24/50
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64 235/235 [=====] - 0s 2ms/  
    step - loss: 0.2029 - accuracy: 0.9255 - val_loss: 0  
        .3279 - val_accuracy: 0.8863  
65 Epoch 00024: early stopping  
66  
67 Process finished with exit code 0  
68
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