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1 F:\Tasarım\Deneme1\venv\Scripts\python.exe F
:/Tasarım/Deneme1/train.py
2 2021-11-06 12:45:05.905401: W tensorflow/
stream_executor/platform/default/dso_loader.
cc:64] Could not load dynamic library '
cudart64_110.dll'; dlerror: cudart64_110.dll
not found
3 2021-11-06 12:45:05.906292: I tensorflow/
stream_executor/cuda/cudart_stub.cc:29]
Ignore above cudart dlerror if you do not
have a GPU set up on your machine.
4 2021-11-06 12:45:43.365892: W tensorflow/
stream_executor/platform/default/dso_loader.
cc:64] Could not load dynamic library '
cudart64_110.dll'; dlerror: cudart64_110.dll
not found
5 2021-11-06 12:45:43.368148: W tensorflow/
stream_executor/platform/default/dso_loader.
cc:64] Could not load dynamic library '
cublas64_11.dll'; dlerror: cublas64_11.dll
not found
6 2021-11-06 12:45:43.370371: W tensorflow/
stream_executor/platform/default/dso_loader.
cc:64] Could not load dynamic library '
cublasLt64_11.dll'; dlerror: cublasLt64_11.
dll not found
7 2021-11-06 12:45:43.372614: W tensorflow/
stream_executor/platform/default/dso_loader.
cc:64] Could not load dynamic library '
cufft64_10.dll'; dlerror: cufft64_10.dll not
found
8 2021-11-06 12:45:43.375044: W tensorflow/
stream_executor/platform/default/dso_loader.
cc:64] Could not load dynamic library '
curand64_10.dll'; dlerror: curand64_10.dll
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8 not found
9 2021-11-06 12:45:43.377398: W tensorflow/
  stream_executor/platform/default/dso_loader.
  cc:64] Could not load dynamic library '
  cusolver64_11.dll'; dlerror: cusolver64_11.
  dll not found
10 2021-11-06 12:45:43.379643: W tensorflow/
  stream_executor/platform/default/dso_loader.
  cc:64] Could not load dynamic library '
  cusparse64_11.dll'; dlerror: cusparse64_11.
  dll not found
11 2021-11-06 12:45:43.382969: W tensorflow/
  stream_executor/platform/default/dso_loader.
  cc:64] Could not load dynamic library '
  cudnn64_8.dll'; dlerror: cudnn64_8.dll not
  found
12 2021-11-06 12:45:43.383404: W tensorflow/core
  /common_runtime/gpu/gpu_device.cc:1835]
  Cannot dlopen some GPU libraries. Please make
  sure the missing libraries mentioned above
  are installed properly if you would like to
  use GPU. Follow the guide at https://www.
  tensorflow.org/install/gpu for how to
  download and setup the required libraries for
  your platform.
13 Skipping registering GPU devices...
14 2021-11-06 12:45:43.405709: I tensorflow/core
  /platform/cpu_feature_guard.cc:142] This
  TensorFlow binary is optimized with oneAPI
  Deep Neural Network Library (oneDNN) to use
  the following CPU instructions in performance
  -critical operations: AVX AVX2
15 To enable them in other operations, rebuild
  TensorFlow with the appropriate compiler
  flags.
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16 Model: "sequential"
17 -----
18 Layer (type)                Param #           Output Shape
19 =====
20 conv2d (Conv2D)              640               (None, 42, 11,
    64)
21 -----
22 batch_normalization (BatchNo (None, 42, 11,
    64)           256
23 -----
24 max_pooling2d (MaxPooling2D) (None, 21, 6, 64
    )           0
25 -----
26 conv2d_1 (Conv2D)            18464             (None, 19, 4, 32
    )
27 -----
28 batch_normalization_1 (Batch (None, 19, 4, 32
    )           128
29 -----
30 max_pooling2d_1 (MaxPooling2 (None, 10, 2, 32
    )           0
31 -----
32 conv2d_2 (Conv2D)            4128              (None, 9, 1, 32
    )
33 -----

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34 batch_normalization_2 (Batch Normalization) (None, 9, 1, 32
    ) 128
35 -----
36 max_pooling2d_2 (MaxPooling2D) (None, 5, 1, 32
    ) 0
37 -----
38 flatten (Flatten) (None, 160
    ) 0
39 -----
40 dense (Dense) (None, 64
    ) 10304
41 -----
42 dropout (Dropout) (None, 64
    ) 0
43 -----
44 dense_1 (Dense) (None, 10
    ) 650
45 =====
46 Total params: 34,698
47 Trainable params: 34,442
48 Non-trainable params: 256
49 -----
50 2021-11-06 12:45:44.451341: I tensorflow/
    compiler/mlir/mlir_graph_optimization_pass.cc
    :185] None of the MLIR Optimization Passes
    are enabled (registered 2)
51 Epoch 1/30
52 540/540 [=====] -

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52 24s 41ms/step - loss: 2.2873 - accuracy: 0.  
    2408 - val_loss: 1.6890 - val_accuracy: 0.  
    4583  
53 Epoch 2/30  
54 540/540 [=====] -  
    22s 42ms/step - loss: 1.5861 - accuracy: 0.  
    4751 - val_loss: 1.2200 - val_accuracy: 0.  
    6220  
55 Epoch 3/30  
56 540/540 [=====] -  
    23s 42ms/step - loss: 1.2302 - accuracy: 0.  
    6021 - val_loss: 0.9371 - val_accuracy: 0.  
    7143  
57 Epoch 4/30  
58 540/540 [=====] -  
    22s 41ms/step - loss: 1.0008 - accuracy: 0.  
    6839 - val_loss: 0.7552 - val_accuracy: 0.  
    7883  
59 Epoch 5/30  
60 540/540 [=====] -  
    23s 43ms/step - loss: 0.8472 - accuracy: 0.  
    7431 - val_loss: 0.6760 - val_accuracy: 0.  
    8165  
61 Epoch 6/30  
62 540/540 [=====] -  
    24s 44ms/step - loss: 0.7378 - accuracy: 0.  
    7832 - val_loss: 0.5727 - val_accuracy: 0.  
    8436  
63 Epoch 7/30  
64 540/540 [=====] -  
    23s 43ms/step - loss: 0.6642 - accuracy: 0.  
    8100 - val_loss: 0.5558 - val_accuracy: 0.  
    8493  
65 Epoch 8/30  
66 540/540 [=====] -
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66 22s 41ms/step - loss: 0.5970 - accuracy: 0.  
8330 - val_loss: 0.5498 - val_accuracy: 0.  
8472  
67 Epoch 9/30  
68 540/540 [=====] -  
24s 44ms/step - loss: 0.5599 - accuracy: 0.  
8450 - val_loss: 0.4751 - val_accuracy: 0.  
8749  
69 Epoch 10/30  
70 540/540 [=====] -  
23s 42ms/step - loss: 0.5176 - accuracy: 0.  
8584 - val_loss: 0.4338 - val_accuracy: 0.  
8801  
71 Epoch 11/30  
72 540/540 [=====] -  
22s 40ms/step - loss: 0.4972 - accuracy: 0.  
8632 - val_loss: 0.3995 - val_accuracy: 0.  
8978  
73 Epoch 12/30  
74 540/540 [=====] -  
22s 40ms/step - loss: 0.4578 - accuracy: 0.  
8785 - val_loss: 0.3783 - val_accuracy: 0.  
8957  
75 Epoch 13/30  
76 540/540 [=====] -  
22s 40ms/step - loss: 0.4428 - accuracy: 0.  
8805 - val_loss: 0.4256 - val_accuracy: 0.  
8843  
77 Epoch 14/30  
78 540/540 [=====] -  
23s 42ms/step - loss: 0.4183 - accuracy: 0.  
8911 - val_loss: 0.3808 - val_accuracy: 0.  
8978  
79 Epoch 15/30  
80 540/540 [=====] -
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80 22s 41ms/step - loss: 0.4020 - accuracy: 0.
    8933 - val_loss: 0.3672 - val_accuracy: 0.
    8989
81 Epoch 16/30
82 540/540 [=====] -
    24s 45ms/step - loss: 0.3885 - accuracy: 0.
    8964 - val_loss: 0.3817 - val_accuracy: 0.
    8978
83 Epoch 17/30
84 540/540 [=====] -
    23s 42ms/step - loss: 0.3804 - accuracy: 0.
    9032 - val_loss: 0.3620 - val_accuracy: 0.
    9051
85 Epoch 18/30
86 540/540 [=====] -
    22s 41ms/step - loss: 0.3660 - accuracy: 0.
    9057 - val_loss: 0.3282 - val_accuracy: 0.
    9166
87 Epoch 19/30
88 540/540 [=====] -
    23s 43ms/step - loss: 0.3509 - accuracy: 0.
    9107 - val_loss: 0.3279 - val_accuracy: 0.
    9119
89 Epoch 20/30
90 540/540 [=====] -
    22s 41ms/step - loss: 0.3373 - accuracy: 0.
    9148 - val_loss: 0.3156 - val_accuracy: 0.
    9176
91 Epoch 21/30
92 540/540 [=====] -
    23s 42ms/step - loss: 0.3378 - accuracy: 0.
    9157 - val_loss: 0.3206 - val_accuracy: 0.
    9155
93 Epoch 22/30
94 540/540 [=====] -
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94 22s 41ms/step - loss: 0.3236 - accuracy: 0.
    9176 - val_loss: 0.3508 - val_accuracy: 0.
    9051
95 Epoch 23/30
96 540/540 [=====] -
    22s 40ms/step - loss: 0.3176 - accuracy: 0.
    9205 - val_loss: 0.3176 - val_accuracy: 0.
    9208
97 Epoch 24/30
98 540/540 [=====] -
    22s 41ms/step - loss: 0.3127 - accuracy: 0.
    9208 - val_loss: 0.3170 - val_accuracy: 0.
    9150
99 Epoch 25/30
100 540/540 [=====] -
    23s 42ms/step - loss: 0.2974 - accuracy: 0.
    9247 - val_loss: 0.2868 - val_accuracy: 0.
    9296
101 Epoch 26/30
102 540/540 [=====] -
    22s 41ms/step - loss: 0.2948 - accuracy: 0.
    9246 - val_loss: 0.3174 - val_accuracy: 0.
    9208
103 Epoch 27/30
104 540/540 [=====] -
    21s 39ms/step - loss: 0.2849 - accuracy: 0.
    9282 - val_loss: 0.3098 - val_accuracy: 0.
    9213
105 Epoch 28/30
106 540/540 [=====] -
    21s 39ms/step - loss: 0.2814 - accuracy: 0.
    9285 - val_loss: 0.2911 - val_accuracy: 0.
    9192
107 Epoch 29/30
108 540/540 [=====] -
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108 22s 40ms/step - loss: 0.2741 - accuracy: 0.
    9305 - val_loss: 0.3044 - val_accuracy: 0.
    9254
109 Epoch 30/30
110 540/540 [=====] -
    21s 39ms/step - loss: 0.2677 - accuracy: 0.
    9340 - val_loss: 0.2868 - val_accuracy: 0.
    9244
111 67/67 [=====] - 1s
    12ms/step - loss: 0.3137 - accuracy: 0.9254
112 Test error: 0.313652366399765, test accuracy
    : 0.9254221320152283
113
114 Process finished with exit code 0
115
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