Predicción de NMIST

El presente documento es para presentar las corridas del código:

python3.12 handwriting.py model.h5 loaded data Imagen guardada en dataset_visualization.png /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/sitepackages/keras/src/layers/convolutional/base_conv.py:107: UserWarning: Do not pass an `input shape`/`input dim` argument to a layer. When using Sequential models, prefer using an `Input(shape)` object as the first layer in the model instead. super().__init__(activity_regularizer=activity_regularizer, **kwargs) Epoch 1/10 1875/1875 **-**· 6s 3ms/step - accuracy: 0.8608 loss: 0.4498 Epoch 2/10 1875/1875 **-**- 6s 3ms/step - accuracy: 0.9667 loss: 0.1096 Epoch 3/10 1875/1875 **-**- 6s 3ms/step - accuracy: 0.9760 loss: 0.0773 Epoch 4/10 1875/1875 **-**- 6s 3ms/step - accuracy: 0.9810 loss: 0.0630 Epoch 5/10 1875/1875 **-**- 6s 3ms/step - accuracy: 0.9839 loss: 0.0512 Epoch 6/10 - 6s 3ms/step - accuracy: 0.9849 -1875/1875 loss: 0.0462 Epoch 7/10 1875/1875 **-**- 6s 3ms/step - accuracy: 0.9869 loss: 0.0381 Epoch 8/10 1875/1875 **-**- 6s 3ms/step - accuracy: 0.9884 loss: 0.0350 Epoch 9/10 1875/1875 **-**· 6s 3ms/step - accuracy: 0.9897 loss: 0.0305 Epoch 10/10 1875/1875 **-**- 6s 3ms/step - accuracy: 0.9911 loss: 0.0261

trained model 313/313 - 0s - 898us/step - accuracy: 0.9895 - loss: 0.0391 313/313 — 0s 777us/step Imagen guardada en confusion_matrix.png WARNING:absl:You are saving your model as an HDF5 file via `model.save()` or `keras.saving.save_model(model)`. This file format is considered legacy. We recommend using instead the native Keras format, e.g. `model.save('my_model.keras')` or `keras.saving.save_model(model, 'my_model.keras')`. Model saved to model.h5.
python3.12 recognition.py model.h5 pygame 2.6.0 (SDL 2.28.4, Python 3.12.3) Hello from the pygame community. https://www.pygame.org/contribute.html WARNING:absl:Compiled the loaded model, but the compiled metrics have yet to be built. `model.compile_metrics` will be empty until you train or evaluate the model. 2024-09-09 20:01:14.913 Python[6620:180197] WARNING: Secure coding is not enabled
for restorable state! Enable secure coding by implementing
NSApplicationDelegate.applicationSupportsSecureRestorableState: and returning YES.
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