```
tf.keras.datasets.mnist.load_data()
) # Reshape for CNN
pogleapis.com/tensorflow/tf-keras-datasets/mnist.npz
0s Ous/step
activation='relu', input_shape=(28, 28, 1)), # Reduced filters for speed
n='relu'), # Smaller layer
n='softmax')
parse_categorical_crossentropy', metrics=['accuracy'])
alidation data=(x test, y test)) # 3 epochs for simplicity
/keras/src/layers/convolutional/base_conv.py:107: UserWarning: Do not pass an `input_shape`/`input_dim` argument to a layer. When using So
=activity_regularizer, **kwargs)
step - accuracy: 0.8946 - loss: 0.3636 - val_accuracy: 0.9768 - val_loss: 0.0708
step - accuracy: 0.9787 - loss: 0.0693 - val_accuracy: 0.9823 - val_loss: 0.0555
step - accuracy: 0.9872 - loss: 0.0427 - val_accuracy: 0.9799 - val_loss: 0.0610
0x7e1f28ba3a90>
```