
```
from keras. datasets import mnist

data =mnist.Load_data

((x_train, y_train,), (x_test, y_test)) =data

x_train =x_train. reshape((x_train.shape[0], 28*28)).astype('float32')
x_test =x_test.reshape((x_test.shape[0],28*28.astype('float32'))

x_train =x_train / 255
x_test =x_test /255

from google.colab import drive
drive.mount('/content/drive')

from keras.utils import np_utils

print(y_test.shape)
y_train =np_utils.to_categorical(y_train)
y_test =np_utils.to_categorical(y_test)
```

▼ New Section

```
from keras.models import Sequential
from keras.layer import Dense

model=Sequential()
model.add(Dense(32, input_dim = 28*28, activation='relu'))
model.add(Dense(64, activation='relu'))
model.add(Dense(10, activation='softmax'))

model.compile (loss='categorical_crossentropy', optimizer='adam' metrics=['accuracy'])

model.summary()

model.fit(x_train, y_train, epochs=10, batch_size=100)

scores = model.evaluate(x_test, y_test)
print(scores)
```

