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

```
Drive already mounted at /content/drive; to attempt to forcibly remount, call
drive.mount("/content/drive", force_remount=True).
```

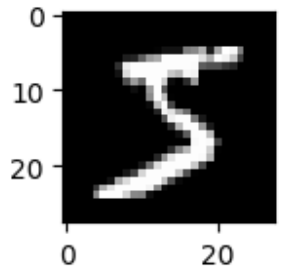
```
from keras.datasets import mnist
from matplotlib import pyplot

# loading
(train_X, train_y), (test_X, test_y) = mnist.load_data()
```

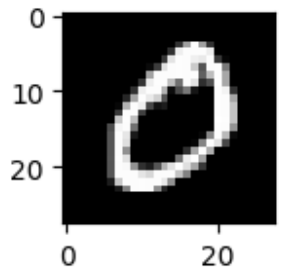
```
Downloading data from https://storage.googleapis.com/tensorflow/tf-keras-
datasets/mnist.npz
11490434/11490434 [==============================] - 2s 0us/step
```

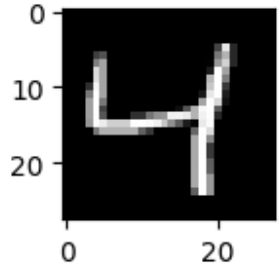
```
# shape of dataset
print('X_train: ' + str(train_X.shape))
print('Y_train: ' + str(train_y.shape))
print('X_test: ' + str(test_X.shape))
print('Y_test: ' + str(test_y.shape))
```

```
X_train: (60000, 28, 28)
Y_train: (60000,)
X_test: (10000, 28, 28)
Y_test: (10000,)
```

```
# plotting
from matplotlib import pyplot
for i in range(9):
    pyplot.subplot(330 + 1 + i)
    pyplot.imshow(train_X[i], cmap=pyplot.get_cmap('gray'))
    pyplot.show()
```



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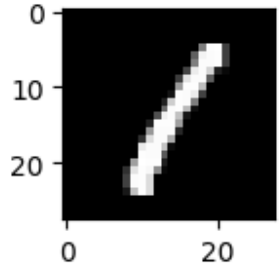
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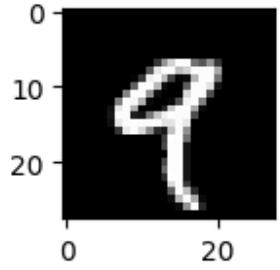
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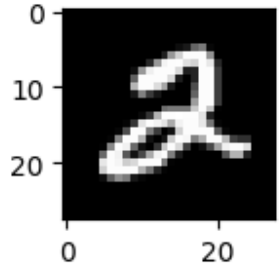
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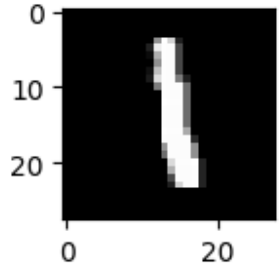
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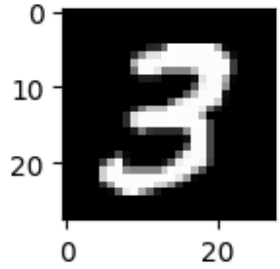
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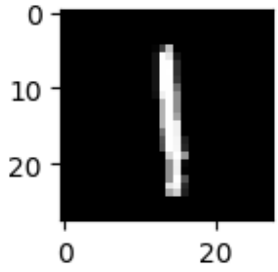
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