Understanding the Data

In [1]:

Analyzing the data

Understanding the Data

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In [3]: X_train[0]
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y_train[0]
import matplotlib.pyplot as plt
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In [4]:

Out[4]: 5

In [5]:

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plt.imshow(X_train[0])

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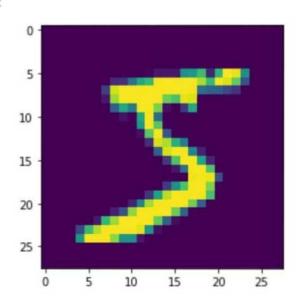
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Out[4]: 5

import matplotlib.pyplot as plt
plt.imshow(X_train[0])

Out[5]:



In [7]: plt.imshow(X_train[12])

Out[7]:

Reshaping the data

```
In [8]:
X_train = X_train.reshape(60000, 28, 28, 1).astype('float32')
X_test = X_test.reshape(10000, 28, 28, 1).astype('float32')
```

Apply one-Hot Encoding

In [7]: plt.imshow(X_train[12])

Out[7]:

