## Checking Dataset Shape

```
Training set: (17010, 28, 28, 1), Labels: (17010, 10)
Testing set: (3000, 28, 28, 1), Labels: (3000, 10)
```

## Model Summary

The following formula of the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Input(shape)" object as the first layer in the model super()\_init\_("Wimargs) and "Wimargs) and "Wimargs in the model super()\_init\_("Wimargs) and "Wimargs in the model super()\_init\_("Wimargs) and "Wimargs in the model super()\_init\_("Wimargs)

Layer (type)	Output Shape	Param #
flatten (Flatten)	(None, 784)	9
dense (Dense)	(None, 64)	50,240
dense_1 (Dense)	(None, 128)	8,320
dense_2 (Dense)	(None, 256)	33,024
dense_3 (Dense)	(None, 10)	2,570

Total params: 94,154 (367.79 KB)
Trainable params: 94,154 (367.79 KB)
Non-trainable params: 0 (0.00 B)

## **Test Accuracy**

```
94/94 - 0s - 4ms/step - accuracy: 0.7747 - loss: 2.1977
Test accuracy: 0.7747
```

## Plot

