After doing the calculation, with normalization and without normalization in this MNIST dataset by using different loss function (Adam, SGD, RMSProp), I found that-

* **For the loss function ‘Adam’:** By using normalized data in the loss function ‘Adam’, the accuracy was 98.94 and without using normalized data in the loss function ‘Adam’, the accuracy was 98.89 for this MNIST dataset. Here, I got more accuracy for doing normalization into my dataset.
* **For the loss function ‘SGD’:** By using normalized data in the loss function ‘SGD’, the accuracy was 99.36 and without using normalized data in the loss function ‘SGD’, the accuracy was 99.029 for this MNIST dataset. Here, I got more accuracy for doing normalization into my dataset.
* **For the loss function ‘RMSProp’:** By using normalized data in the loss function ‘RMSProp’, the accuracy was 98.979 and without normalized data in the loss function ‘RMSProp’, the accuracy was 98.82 for this MNIST dataset. Here, I got more accuracy for doing normalization into my dataset.

Now, we can say that for getting more accuracy we need to do normalization.