

DataSets

1)MNIST

2)IRIS

3)CIFAR-10

4)CIFAR-100

Dataset	Model	Optimizers	Epochs	Validation Accuracy	Training Accuracy
MNIST	Custom	Adam	5	99.4%	
MNIST	Custom	RMSPProp	5	98.8%	
IRIS	Custom	Adam	50	98.2%	
IRIS	Custom	RMSPProp	50	96.2%	
Housing Data	Custom	RMSPProp	50	3920 to 4.2 (MAE)	
Housing Data	Custom	SGD	50	145 to 3.4 (MAE)	
CIFAR-10	Resnet-20	Adam	40	82.5%	>90%
CIFAR-10	Resnet-20	RMSPProp	40	89.35%	>90%
CIFAR-10	Resnet-20	SGD	20	78%	>85%
CIFAR-100	Resnet-20	Adam	30	67.85%	>90%
CIFAR-100	Resnet-20	SGD	25	57.20%	85.16%
CIFAR-100	Resnet-20	RMSPProp	30	61.5%	>85%