

Exercise : Explain your system:

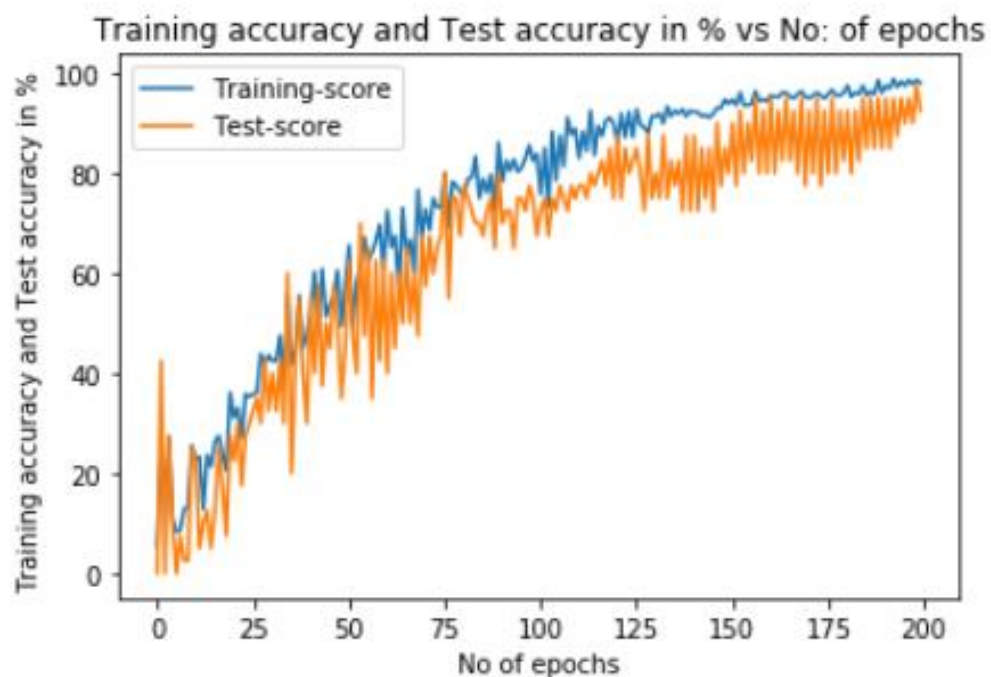
Hardware and Software	Specification
Processor	Intel®core™ i3-5005U CPU @2.00GHz
Number of cores	2
Logical processors	4
RAM	4.00 GB
OS	Windows 10
Python	3.6

Logistic Regression using Tensorflow:

Tensorflow: (Training and testing accuracy score after 200 epochs)

train accuracy after 200 epochs is: 98.0555534362793

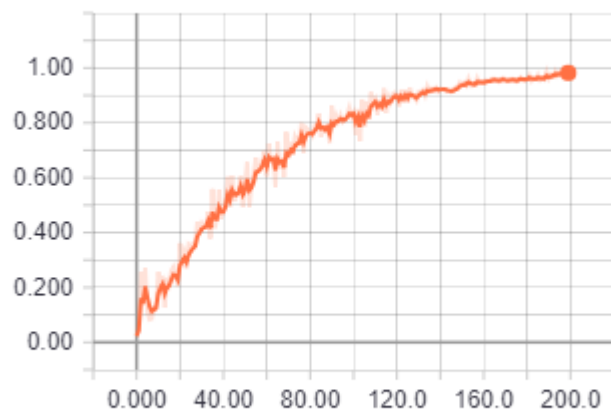
test accuracy after 200 epochs is: 92.5000011920929



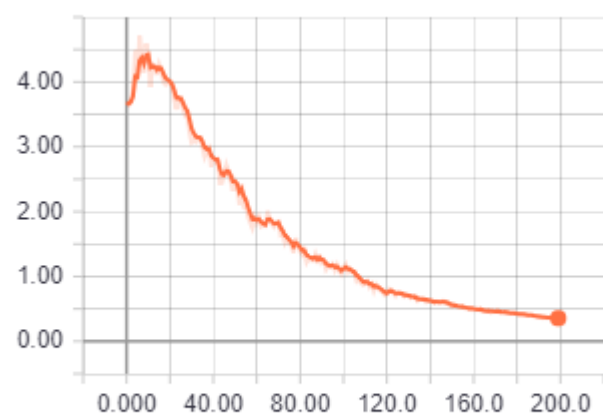
Tensorboard visualization results:

Scalar:

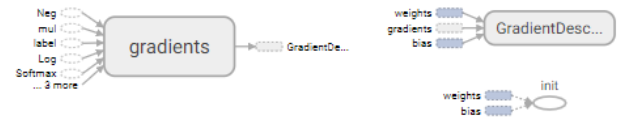
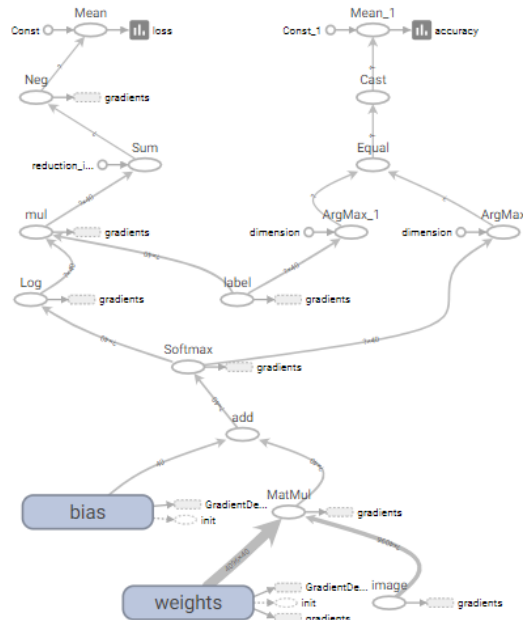
accuracy



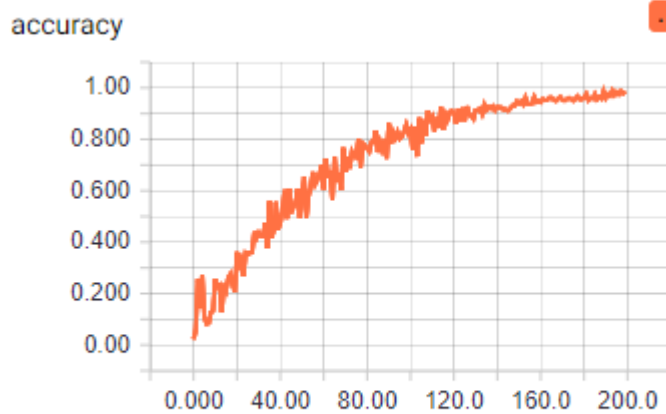
loss



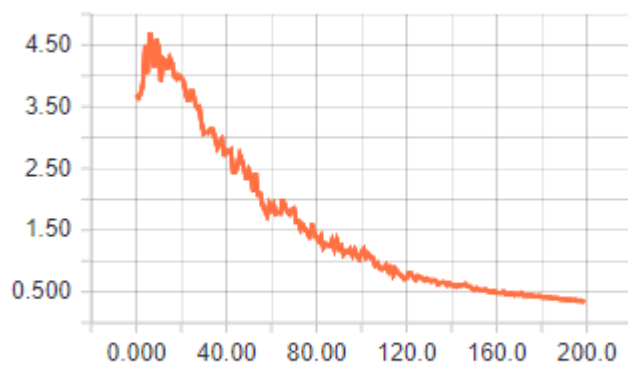
Graphs:



Distributions:

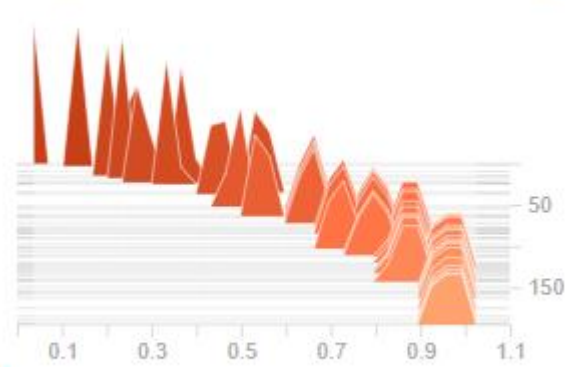


loss



Histograms:

accuracy



loss

