

# REPORT

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20172088

All the experiments were conducted for 3 epochs on CPU System

1

a) Batch normalization

Convergence Time : 45 Min 13 Sec

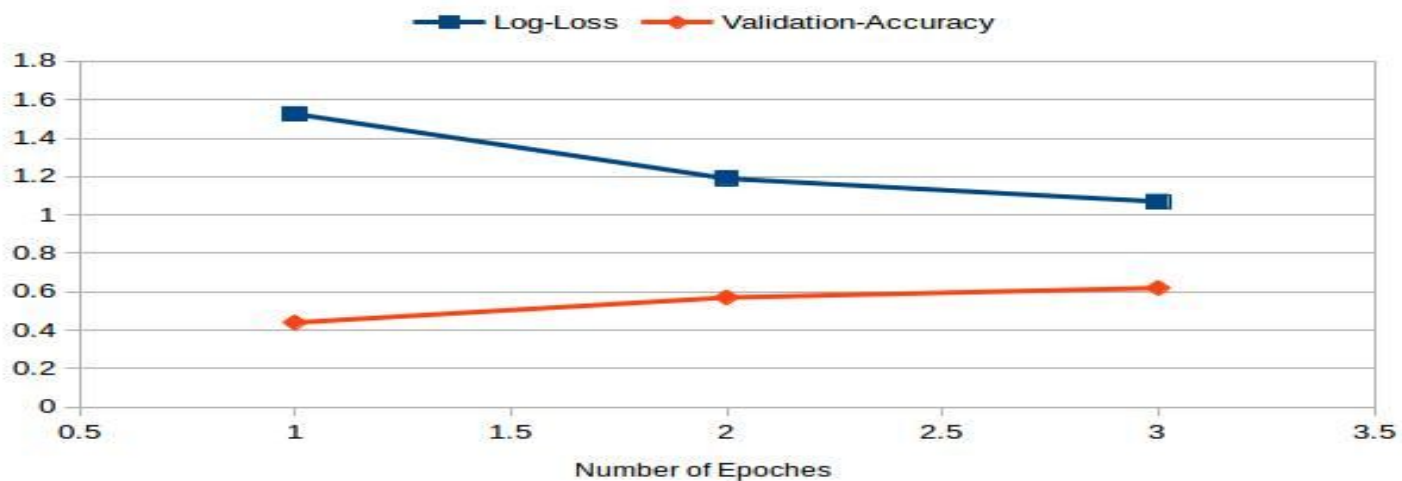
Plot Showing Validation Accuracy and Log-Loss



b) Dropout

Convergence Time : 44 Min 3 Sec

Plot Showing Validation Accuracy and Log-Loss

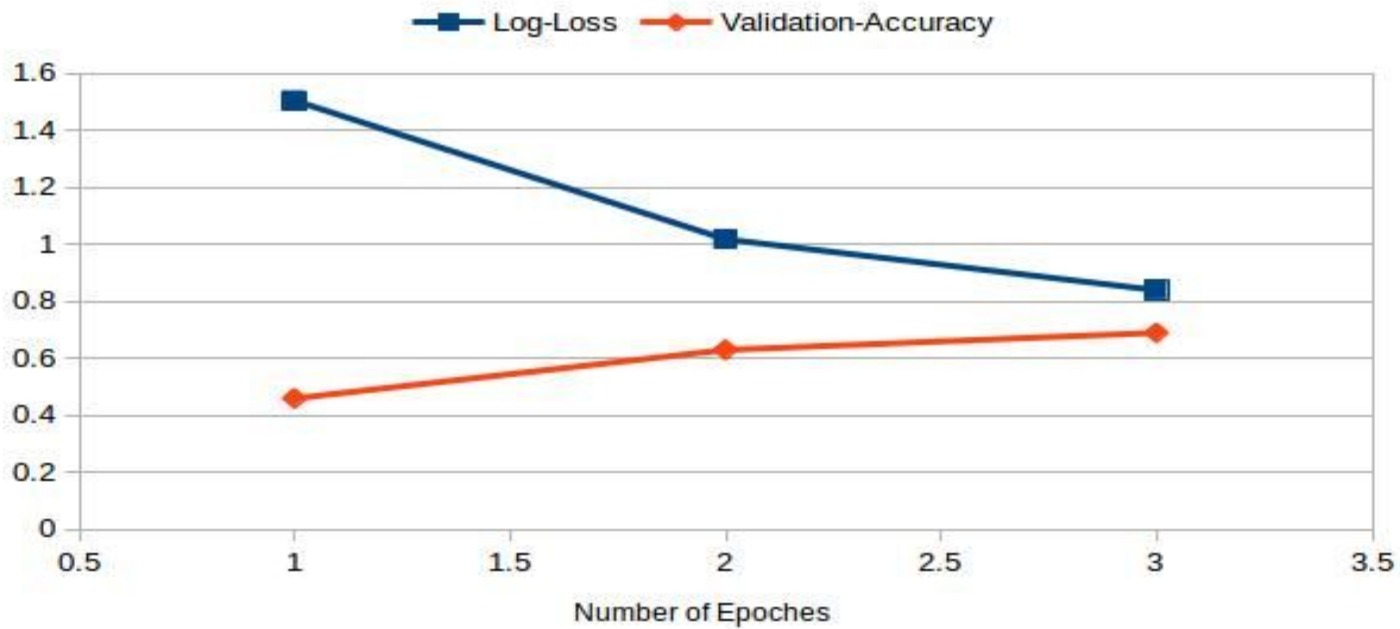


## 2) Activation functions

### 1) ReLu

Convergence Time : 45 Min 35 Sec

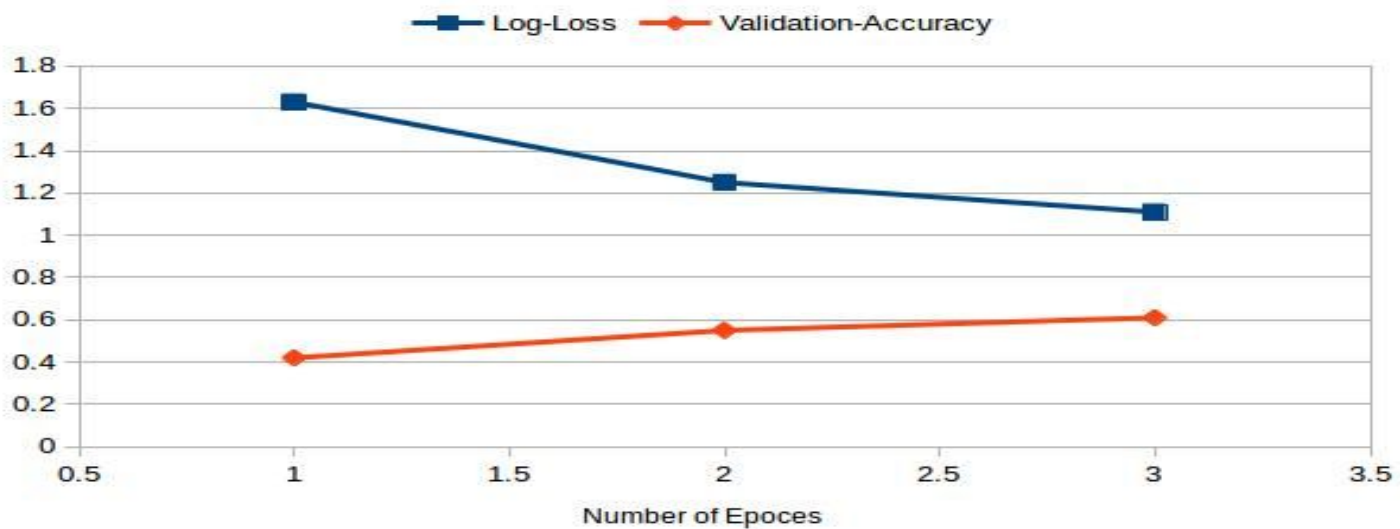
Plot Showing Validation Accuracy and Log-Loss



### 2) Tanh

Convergence Time : 44 Min 47 Sec

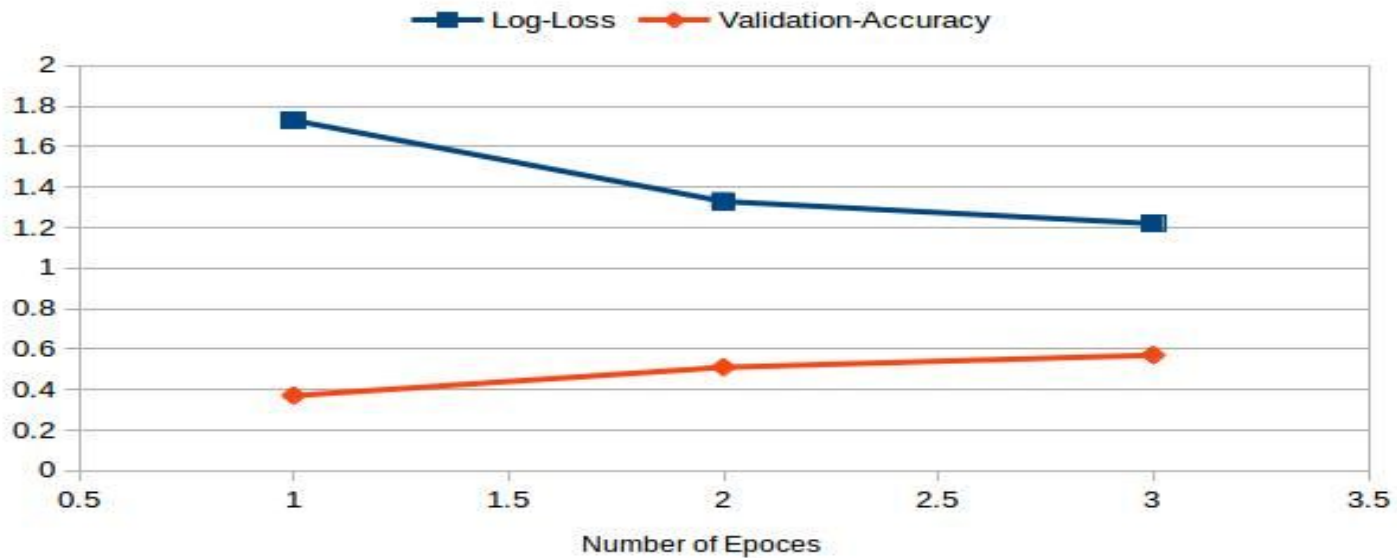
Plot Showing Validation Accuracy and Log-Loss



### 3) Sigmoid

Convergence Time : 44 Min 14 Sec

Plot Showing Validation Accuracy and Log-Loss



### 4) Any other functions(PRelu)

Convergence Time : 44 Min 14 Sec

Plot Showing Validation Accuracy and Log-Loss

