

Machine Learning

Assignment 2

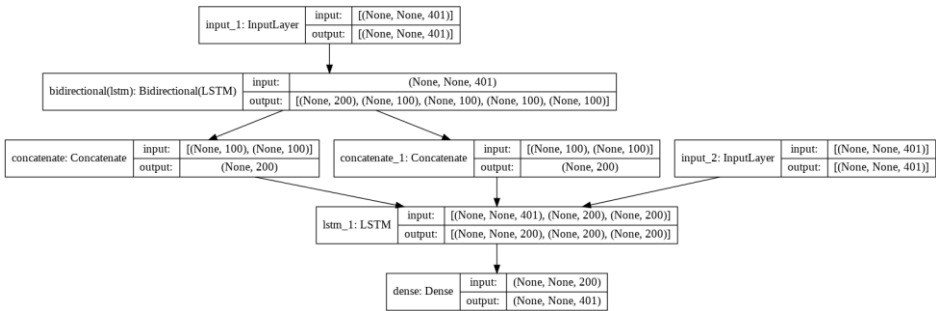
Deepanshu

17981

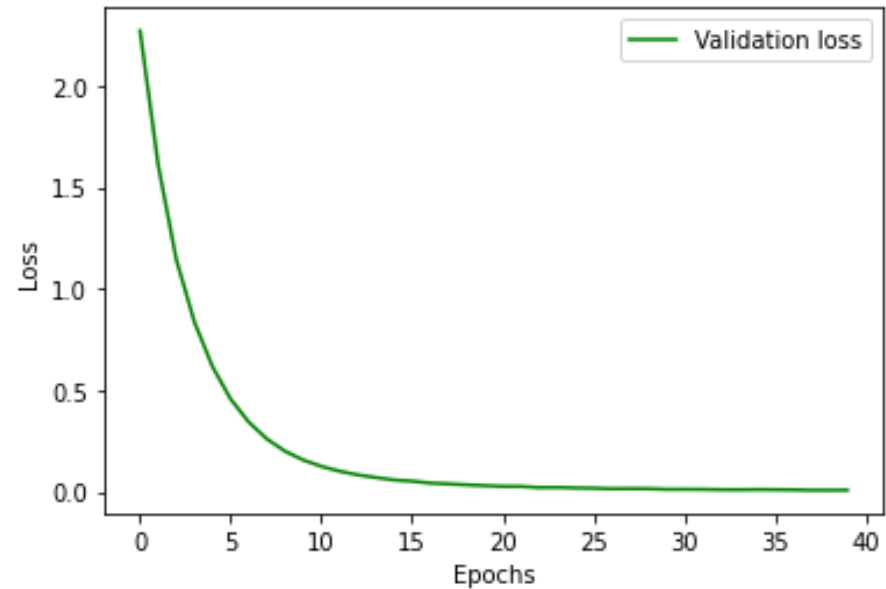
MTech, CSA

Question 2

Model



A)

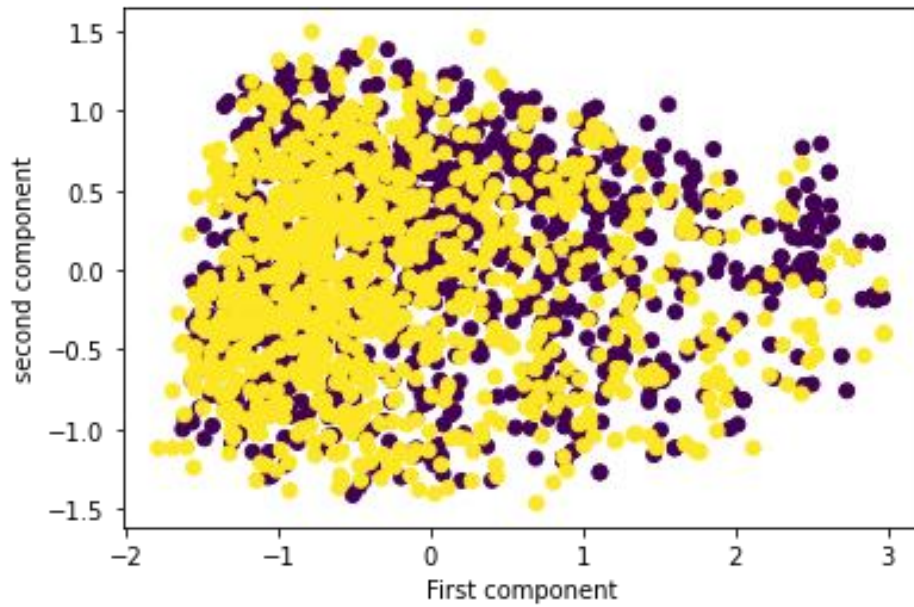


B)

Reconstruction loss: 0.0625

BLEU Score: 48

D)



E)

Accuracy using logistic regression model= 78%

F)

Using LSTM based text classifier

Accuracy on train data (1000.pos and 1000.neg) = .98

Accuracy on test data (100.pos and 100.neg) = .81