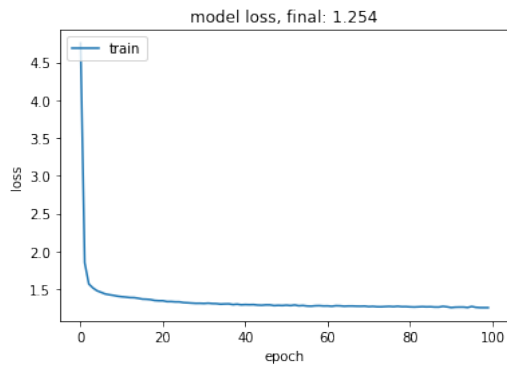


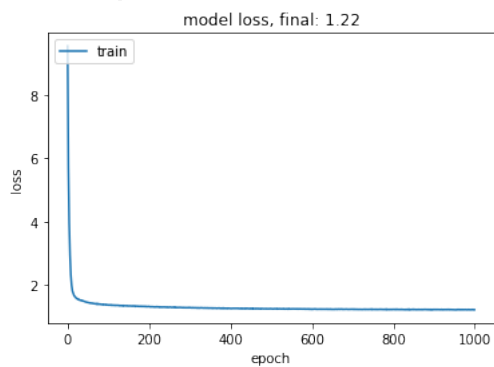
## Dense

Learning rate: 0.01, Batch size: 100, Epochs: 100



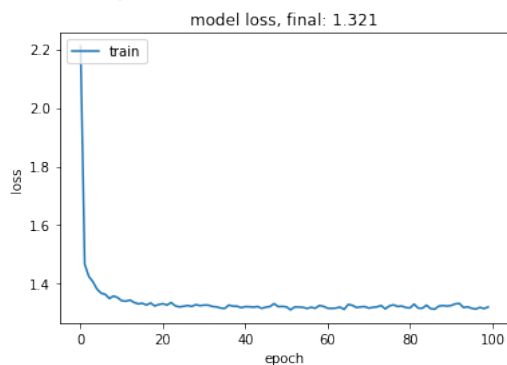
Precision/Recall/F-score: 0.6102819237147595 / 0.5131474103585657 / 0.5575154204090467

Learning rate: 0.001, Batch size: 100, Epochs: 1000



Precision/Recall/F-score: 0.6060462919225319 / 0.5111553784860557 / 0.5545709963259131

Learning rate: 0.1, Batch size: 100, Epochs: 100

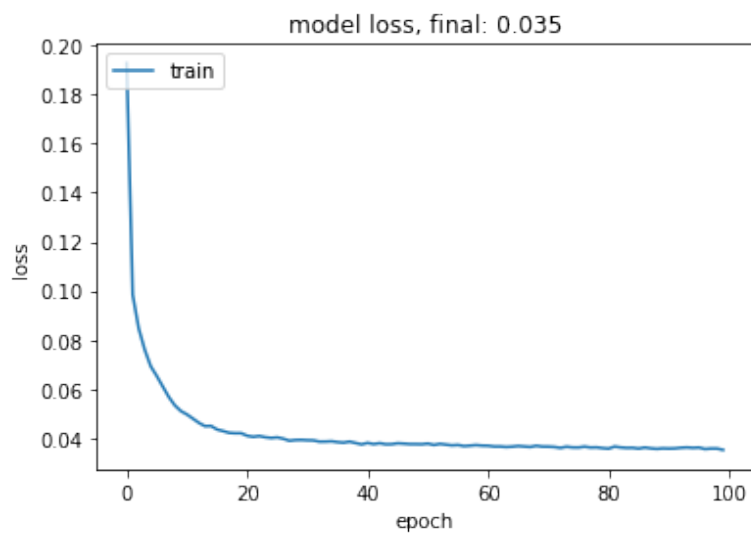


Precision/Recall/F-score: 0.5979840600093764 / 0.5081673306772908 / 0.5494292483308206

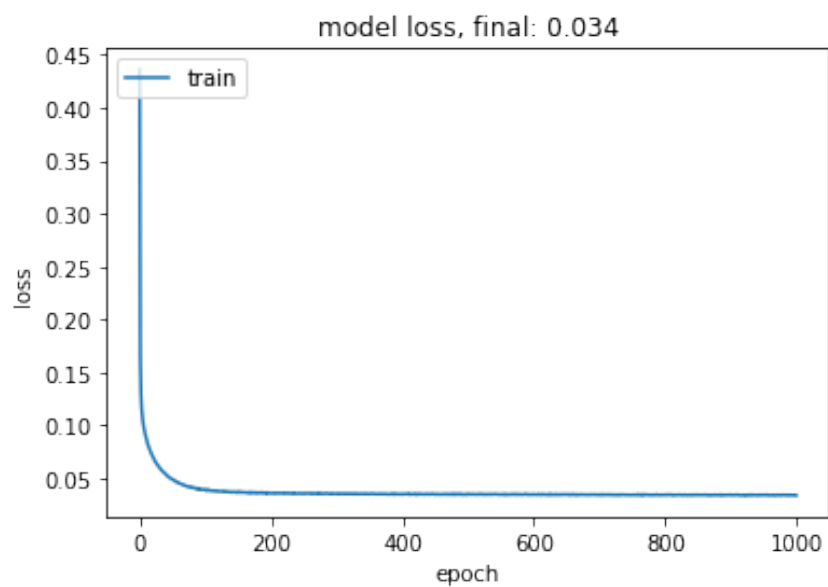
## CNN

### 1 cnn layer

Learning rate: 0.01, Batch size: 100, Epochs: 100



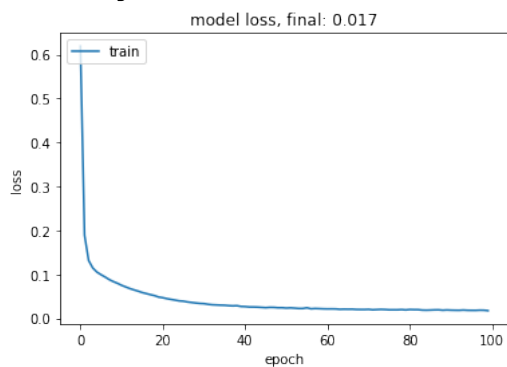
Learning rate: 0.001, Batch size: 100, Epochs: 1000



Precision/Recall/F-score: 0.7781818181818182 / 0.8099601593625498 / 0.7937530502684237

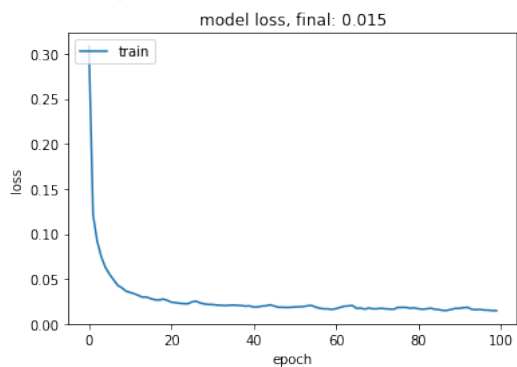
## 2 cnn layers

Learning rate: 0.001, Batch size: 100, Epochs: 100



Precision/Recall/F-score: 0.8209913706602449 / 0.8149402390438247 / 0.8179546136159153

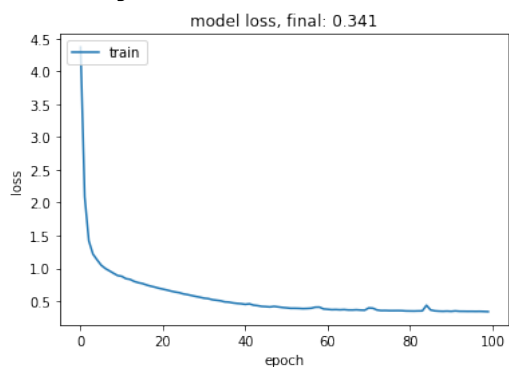
Learning rate: 0.01, Batch size: 100, Epochs: 100



Precision/Recall/F-score: 0.802502406159769 / 0.8304780876494023 / 0.8162506118453255

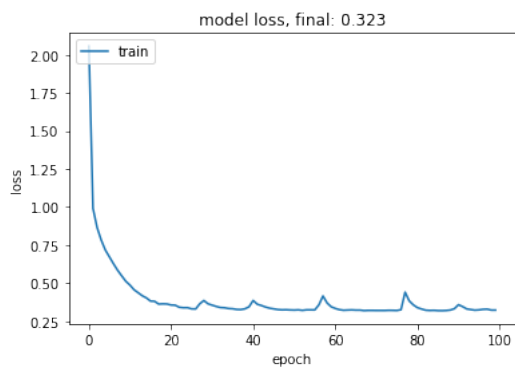
## LSTM

Learning rate: 0.001, Batch size: 100, Epochs: 100



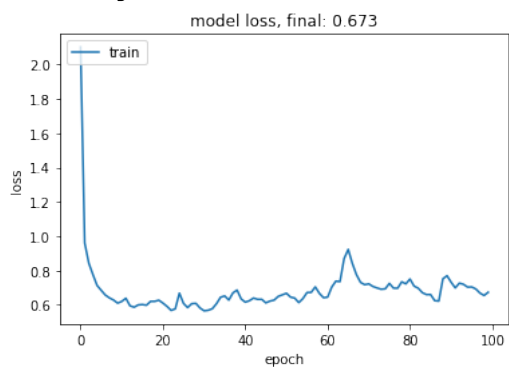
Precision/Recall/F-score: 0.7575628461866212 / 0.7083665338645418 / 0.7321391805641342

Learning rate: 0.01, Batch size: 100, Epochs: 100



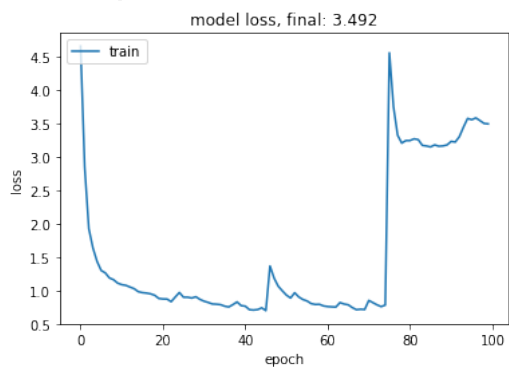
Precision/Recall/F-score: 0.790089323692046 / 0.7400398406374502 / 0.7642460399094836

Learning rate: 0.1, Batch size: 100, Epochs: 100



Precision/Recall/F-score: 0.7623590633130962 / 0.700398406374502 / 0.7300664451827243

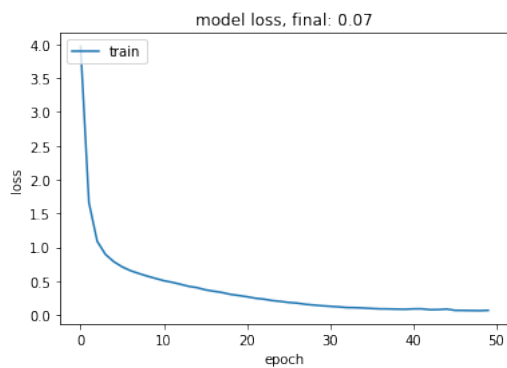
Learning rate: 0.1, Batch size: 100, Epochs: 100



Precision/Recall/F-score: 0.3437902879243661 / 0.1593625498007968 / 0.21777596297808627

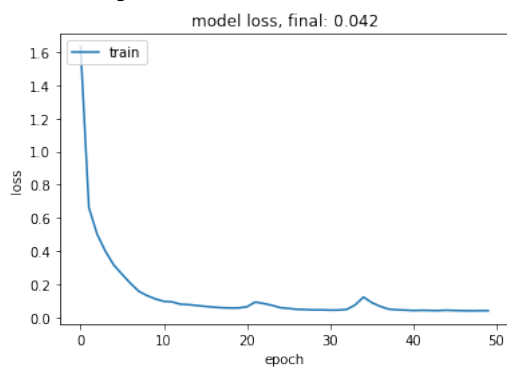
## Bi-LSTM

Learning rate: 0.001, Batch size: 100, Epochs: 50



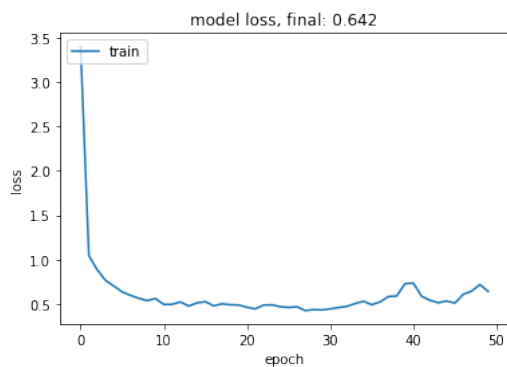
Precision/Recall/F-score: 0.8040800615858352 / 0.8322709163346613 / 0.8179326546593578

Learning rate: 0.01, Batch size: 100, Epochs: 50



Precision/Recall/F-score: 0.8756019261637239 / 0.8693227091633466 / 0.8724510195921631

Learning rate: 0.1, Batch size: 100, Epochs: 50



Precision/Recall/F-score: 0.7958937198067633 / 0.7876494023904382 / 0.7917501001201442