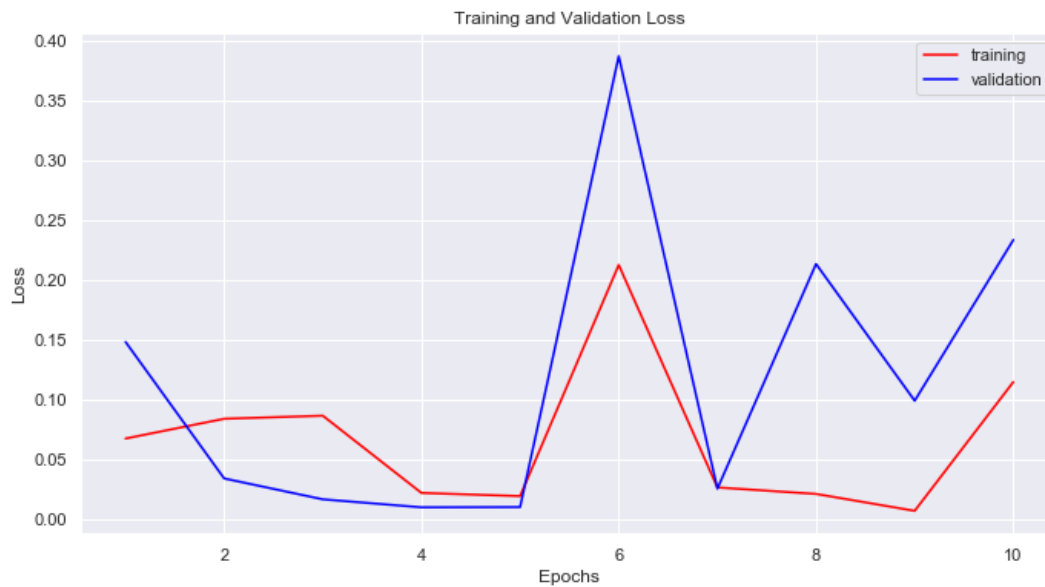# Model Analysis BERT-BASE-UNCASED

Training and Validation BCE-Loss Plot

As we can se at epoch 5 train and validation are low and after that validaton loss is greater as compared to training, So there is overfitting after 5th Epoch

Training and Validation F1-Micro-Score Plot

Here also we can see that after 5th epoch validation F1-Micro-Score is not increasing while training F1-Micro-Score is increasing which shows overfitting after 5th Epoch, Training F1-Micro-Score reached to .90 at 10th Epoch

Training and Validation F1-Macro-Score Plot

Training and Validation F1-Marco-Score

Here also we can see that after 5th epoch validation F1-Macro-Score is not increasing while training F1-Macro-Score is increasing which shows overfitting after 5th Epoch, Training F1-Macro-Score reached to .85 at 10th Epoch

Training and Validation Hamming Loss Plot

Training and Validation Hamming-Loss

As we can se at epoch 5 train and validation are low and after that validaton loss is greater as compared to training, So there is overfitting after 5th Epoch