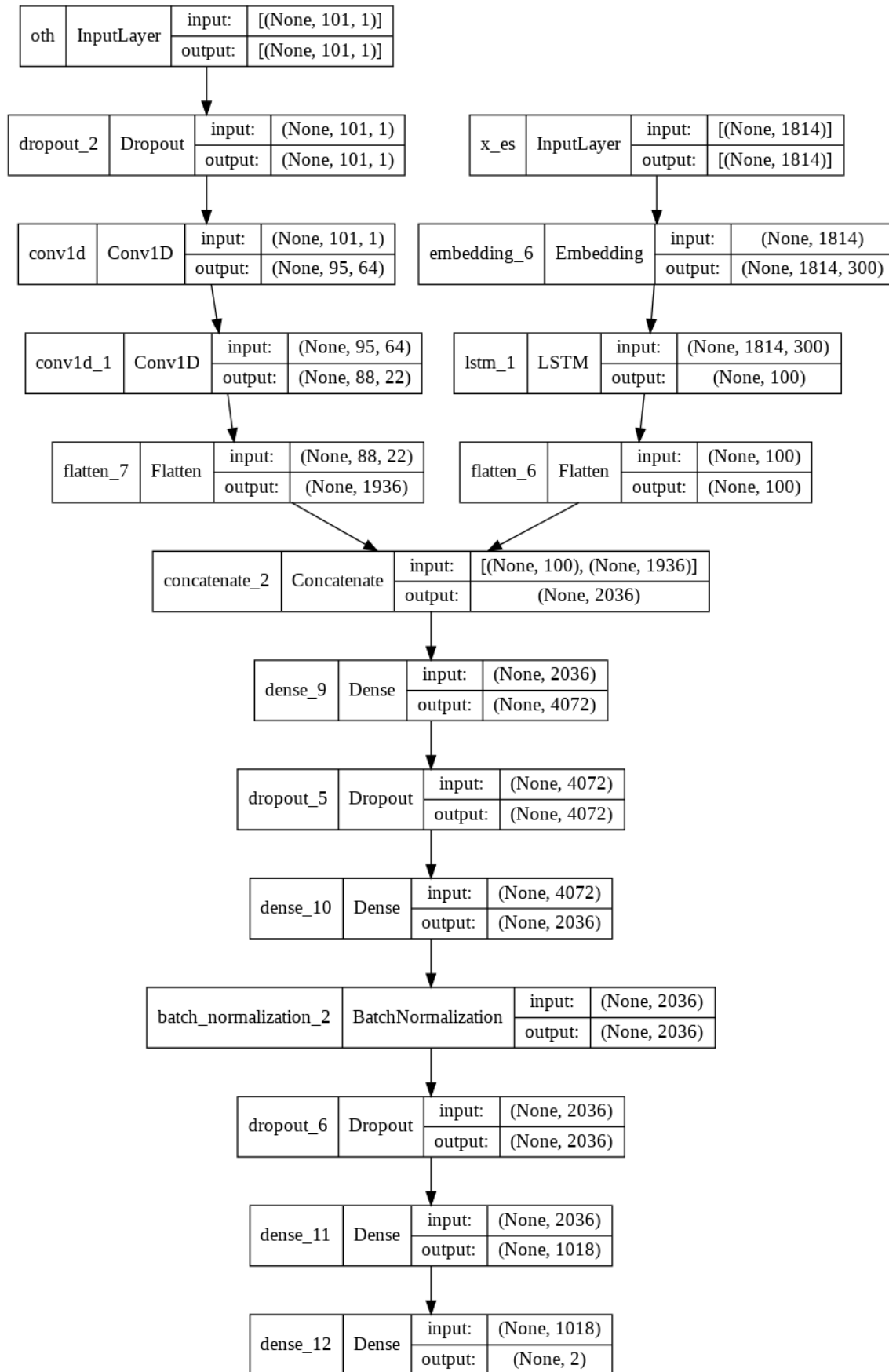


Tensor Board Visualization Of Model-3

Model-3 Plot

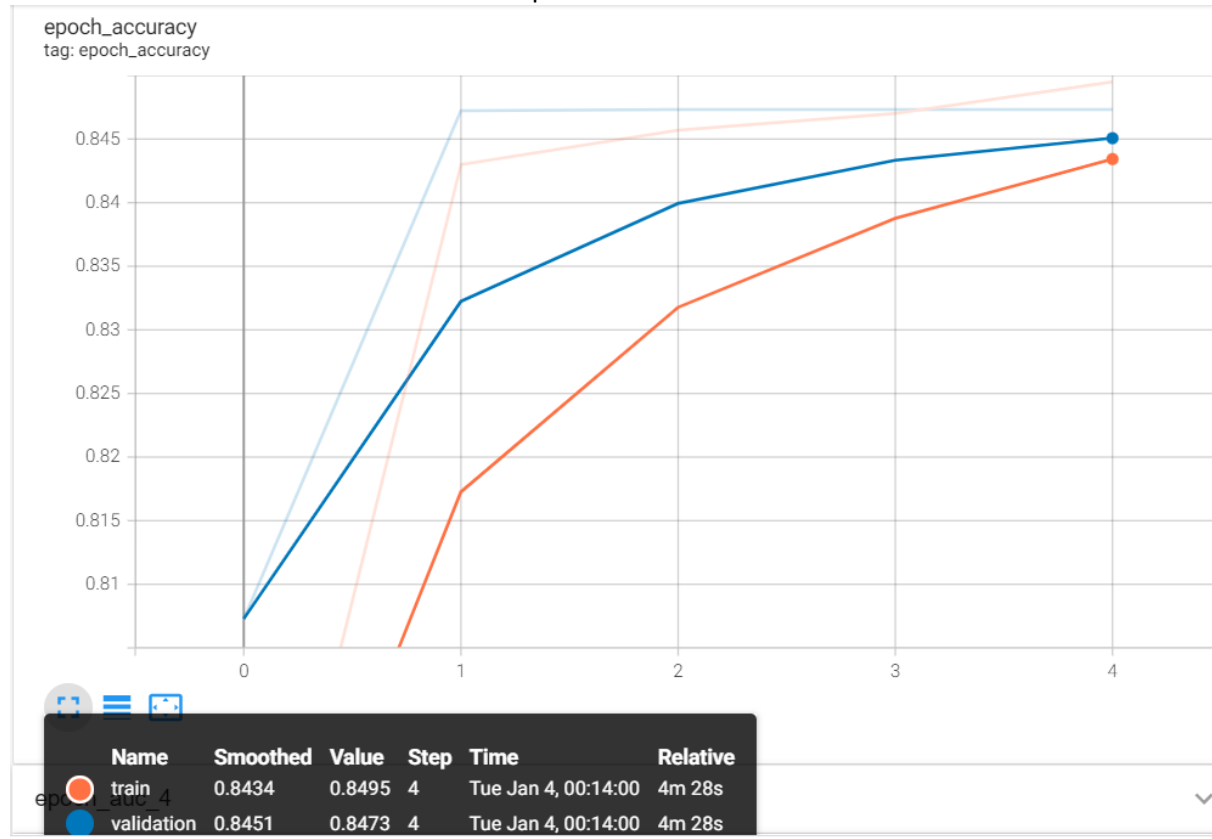


Tensor Board Visualization Of Model-3

Model 2 Observations:

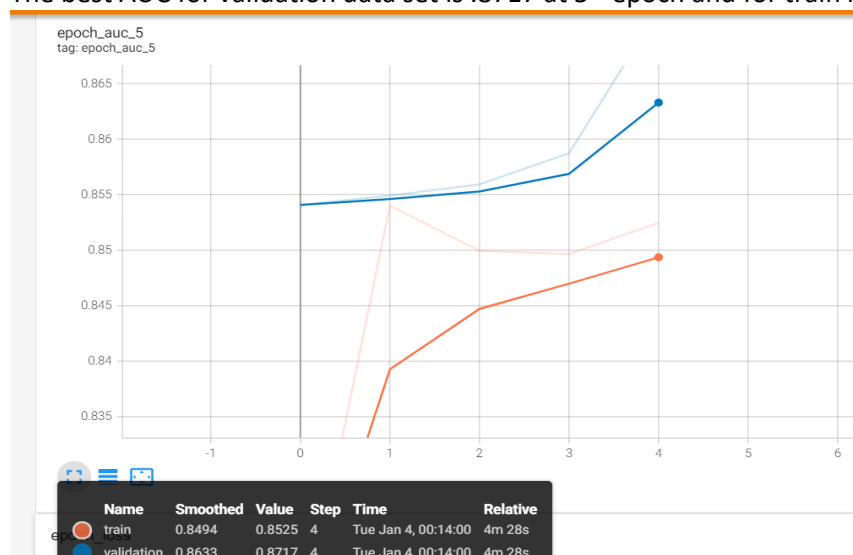
- Epoch Vs Accuracy

In the below image validation accuracy and train accuracy is plotted with respect to each epoch. The best accuracy for validation data set is .8473 at 5th epoch while for train it's .8495 at 5th epoch. The minimum difference we can see at 9th epoch.



- Epoch Vs AUC Score

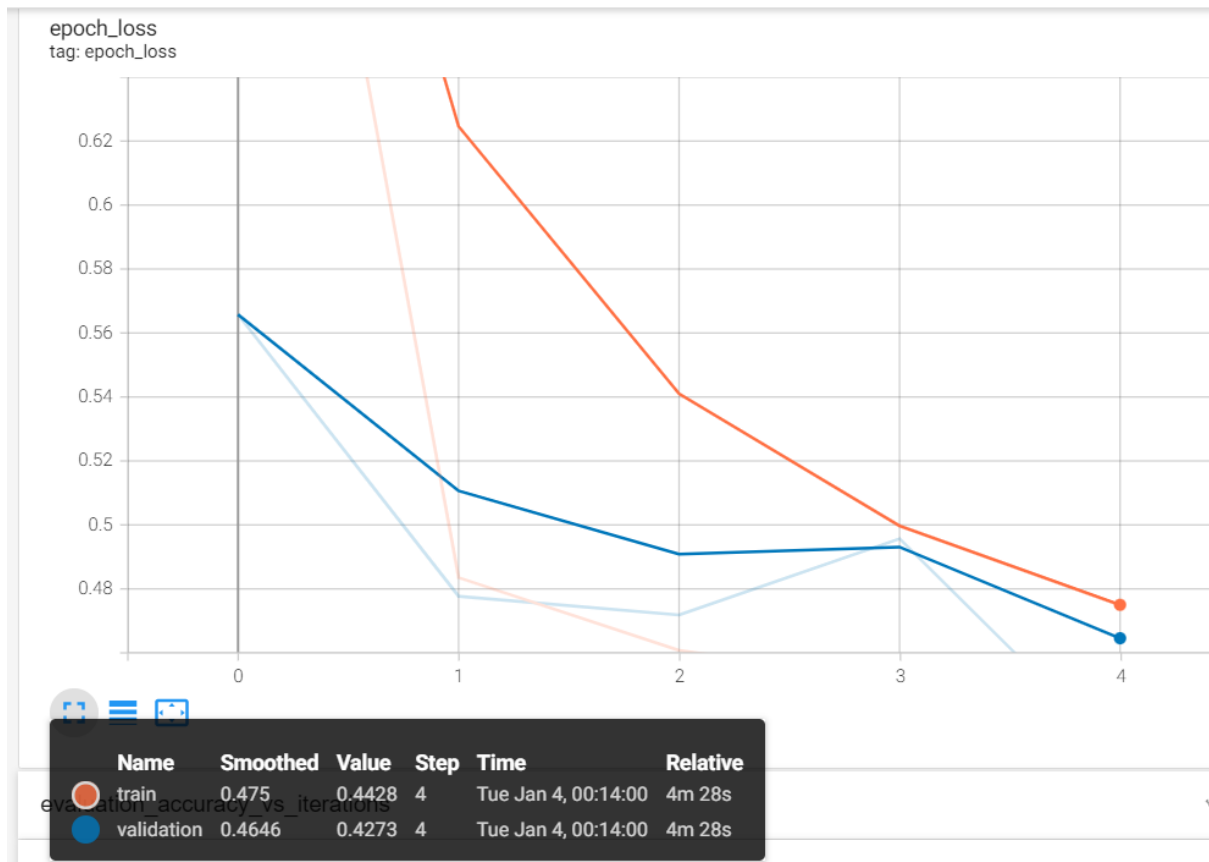
In the below image validation AUC and train AUC is plotted with respect to each epoch. The best AUC for validation data set is .8717 at 5th epoch and for train it's .8525 at 9th epoch.



Tensor Board Visualization Of Model-3

- Epoch Vs Loss

In the below image validation loss and train loss is plotted with respect to each epoch. Which we can see decreasing for both train and validation data set. At 5th epoch validation loss is .4273 and train loss is .4428.



***Note:** We can see for all the above plots the minimum difference between train and validation is occurred at 5th epoch. So weights calculated at 5th epoch should be used for this model as a proper fit for lowest loss.