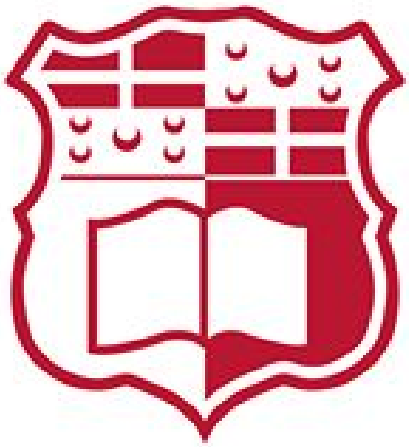


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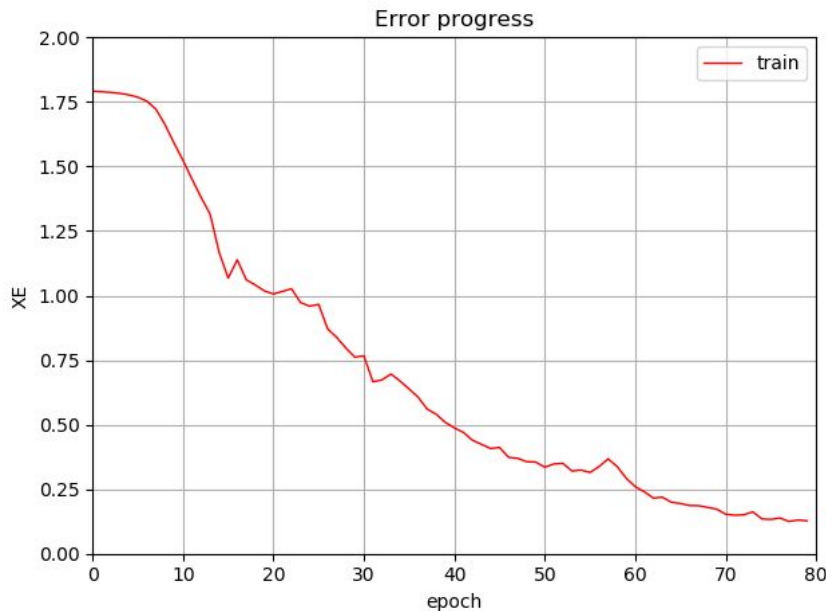


Deborah Vella

### Results of bidirectional RCNN without dropout.

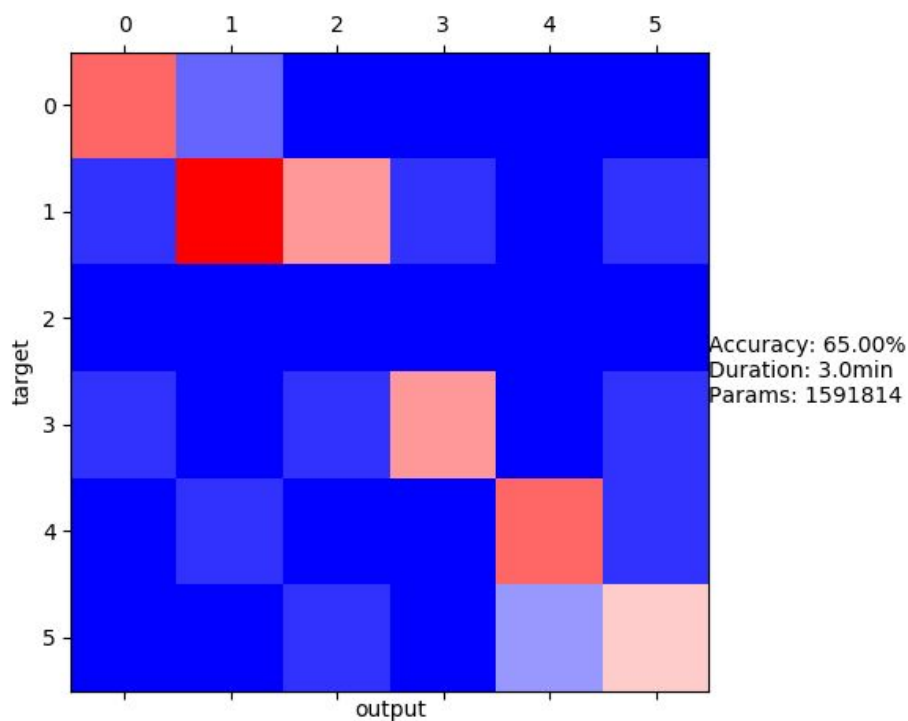
This is the best result it got having state\_size and embed\_size equal to 256 and epochs equal to 80. After several runs, the accuracy mostly dropped in the range of 50% to 60% which is not very consistent.

#### Train Error Progress:



#### Confusion Matrix:

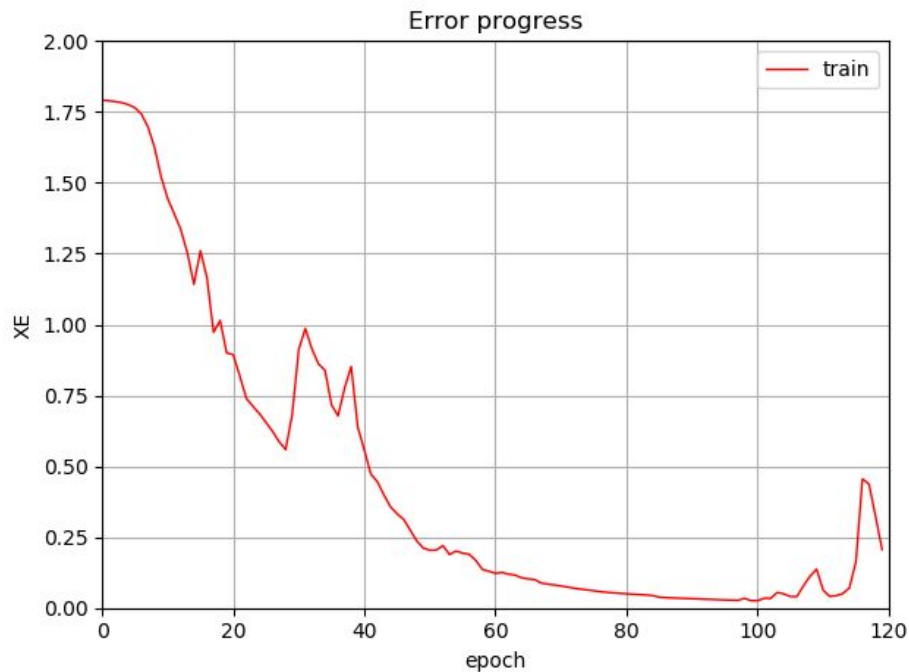
In this plot, the number represent the following labels respectively: grain (0), earn (1), acq (2), crude (3), moey-fx (4) and interest (5).



### Results of bidirectional RCNN with dropout.

These are the best results the bidirectional RCNN got with dropout having state\_size and embed\_size equal to 256, epochs equal to 120 and dropout rate equal to 0.6. After several runs it was noted that this is more consistent than the other as the accuracy is mostly around 60%.

#### Train Error Progress:



#### Confusion Matrix:

