

NLP Assignment 3

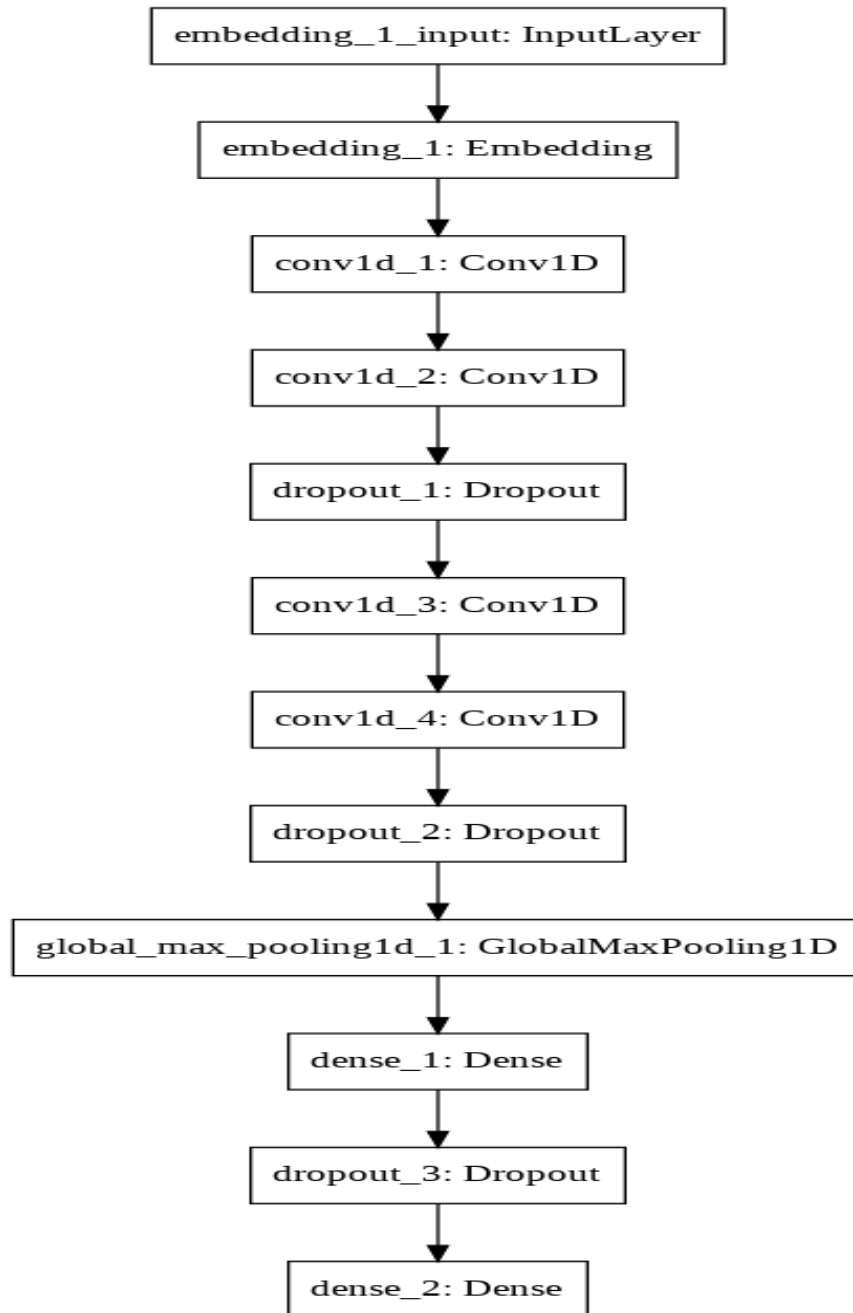


Fig : Model Visualisation

I've used word2vec embeddings .My model consists of embedding layer followed by 2 conv1d layers and then global max pooling layer and finally a dense layer of three nodes and softmax activation along with adam for hypertuning. [batch_size=128, epochs=12, Activation = 'softmax']

Accuracy = 0.520,

F1 score = 0.498,

Precision = 0.53,

Recall = 0.47

GitHub Link :

<https://github.com/saichandra721/CS613-Natural-language-processing/tree/master/Assignment3>