**AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY**



**Course No: CSE 4238**

**Course Name: Soft Computing Lab**

**Section: C**

**Semester: Fall 2020**

**Submitted to: Submitted by:**

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**Experiment using RNN:**

**Hyperparameters:**

lr = 0.0001

epoch\_num = 5

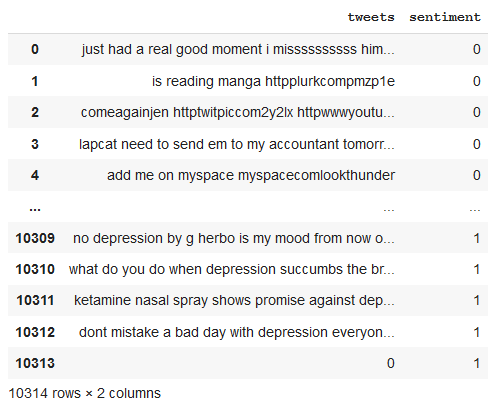
unit1 = 64

unit2 = 128

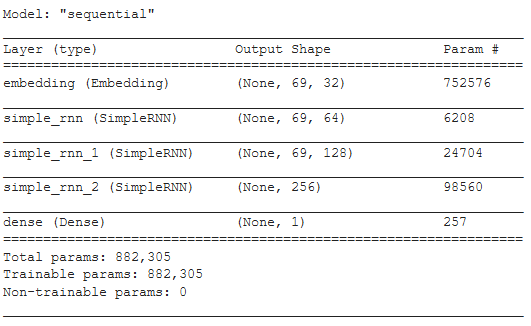
unit3 = 256

embedding\_output = 32

**After Preprocessing:**

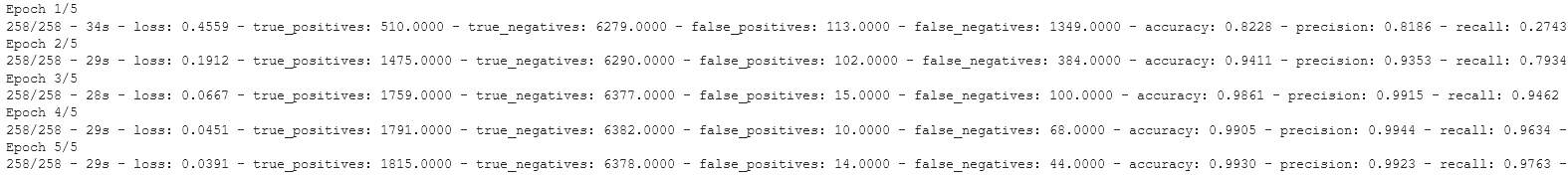
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**Model Summary:**

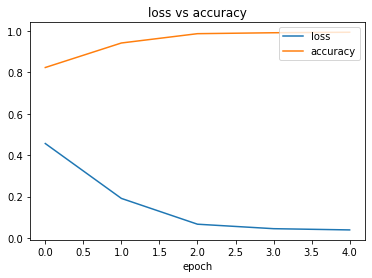


**Training Dataset and Performance Evaluation:**

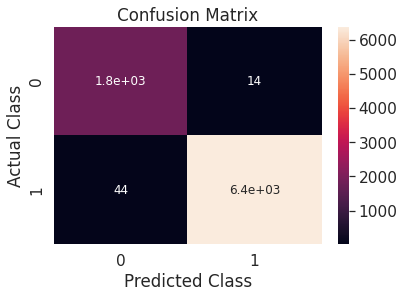
**Training Dataset:**

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**Loss vs Accuracy:**

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**Confusion Matrix:**



Github Link:

https://github.com/Towkir7970/Softcom-Assignment-3