

Assignment no. 4

Exercise 5 (30 points) In the hands-on workshop on Dec 2, we trained models for classifying texts (IMDB movie reviews). Based on the methods we developed in class, try to find a model that classifies the reviews as well as possible. To this end, train at least *three models* with different architectures. What you do (e.g. more epochs, more/fewer layers, more/fewer neurons/memory cells, fully connected layers, possible switch to CNNs, etc.) is up to you. Moreover, create 20 short reviews by yourself, evaluate your best model on this self-made test set, and discuss the results. Hand in your notebook and an HTML dump. The notebook must contain all model definitions and the corresponding outputs.