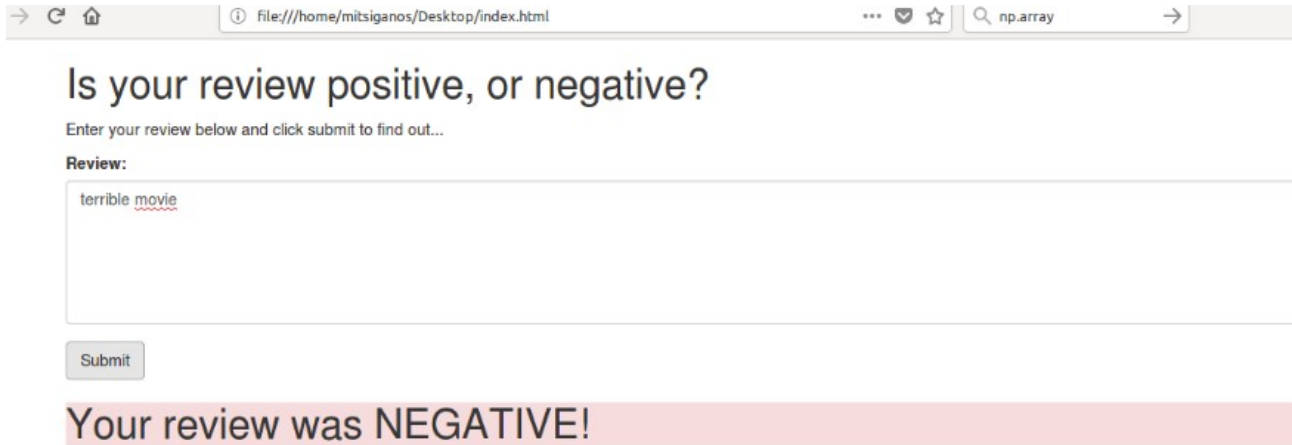


The files that are included are the train.py, predict.py, index.html and SageMaker Project.ipynb. train.py contains the training code of our model and predict.py contains the inference code. The training procedure took place with ml.m4.xlarge since I encountered some problems initializing the p2.xlarge. The performance of the model is comparable with the performance of the XGBoost. Triggering the parameters embedding_dims and layers may further improve the performance but since I didn't have access to gpu the training procedures where time costly. The web api works fine and the following screenshots are 2 examples of sentiment analysis.



Is your review positive, or negative?

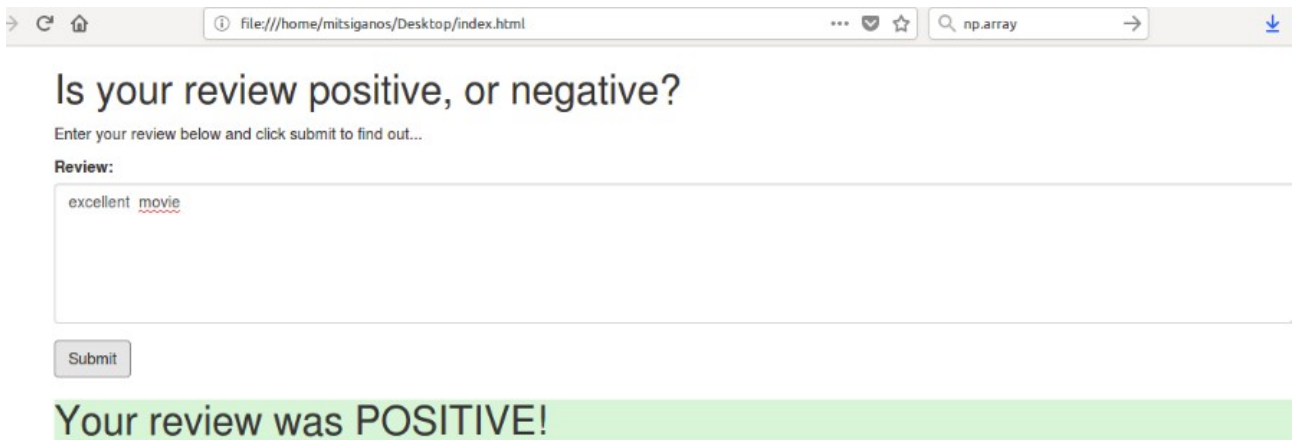
Enter your review below and click submit to find out...

Review:

terrible movie

Submit

Your review was NEGATIVE!



Is your review positive, or negative?

Enter your review below and click submit to find out...

Review:

excellent movie

Submit

Your review was POSITIVE!