UDACITY

‹ Return to "Deep Learning" in the classroom

DISCUSS ON STUDENT HUB

Deploying a Sentiment Analysis Model

REVIEW

CODE REVIEW

HISTORY

Meets Specifications

Congratulation for completing deep learning nano degree 🔥 Best of luck 👍 for your future endeavors.

Files Submitted

The submission includes all required files, including notebook, python scripts and html files.

Preparing and Processing Data

Answer describes what the pre-processing method does to a review.

The `build_dict` method is implemented and constructs a valid word dictionary.

Notebook displays the five most frequently appearing words.

Answer describes how the processing methods are applied to the training and test data sets and what, if any, issues there may be.

Build and Train the PyTorch Model

The train method is implemented and can be used to train the PyTorch model.

The RNN is trained using SageMaker's supported PyTorch functionality.

Deploy the Model for Testing

The trained PyTorch model is successfully deployed.

Use the Model for Testing

Answer describes the differences between the RNN model and the XGBoost model and how they perform on the IMDB data.

The test review has been processed correctly and stored in the `test_data` variable.

Got it 👍

you have added review_len as follows:

```
test_data = [np.array(convert_and_pad(word_dict, test_data)[0])]
```

The `predict_fn()` method in `serve/predict.py` has been implemented.

Deploying the Web App

The model is deployed and the Lambda / API Gateway integration is complete so that the web app works (make sure to include your modified `index.html`).

Answer gives a sample review and the resulting predicted sentiment.

DOWNLOAD PROJECT

RETURN TO PATH

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