UDACITY

Return to "Deep Learning" in the classroom

Deploying a Sentiment Analysis Model

REVIEW

CODE REVIEW

HISTORY

Meets Specifications

Good job!
Your code and answers show a complete understanding of this lesson.
Congrats and keep learning!

Files Submitted

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

Preparing and Processing Data

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

Correct!

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

Correct!

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

preprocess_data is applied per record and so there is no issue, and the reason that convert_and_pad_data doesn't cause an issue is that word_dict is constructed using only the training data.

Notebook displays the five most frequently appearing words.

Correct!

Build and Train a PyTorch Model

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

Correct!

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

Correct!

Deploy a 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.

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

Correct!

Deploying a 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`).

Correct!

Answer gives a sample review and the resulting predicted sentiment.

Good examples!

DOWNLOAD PROJECT

RETURN TO PATH

Rate this review