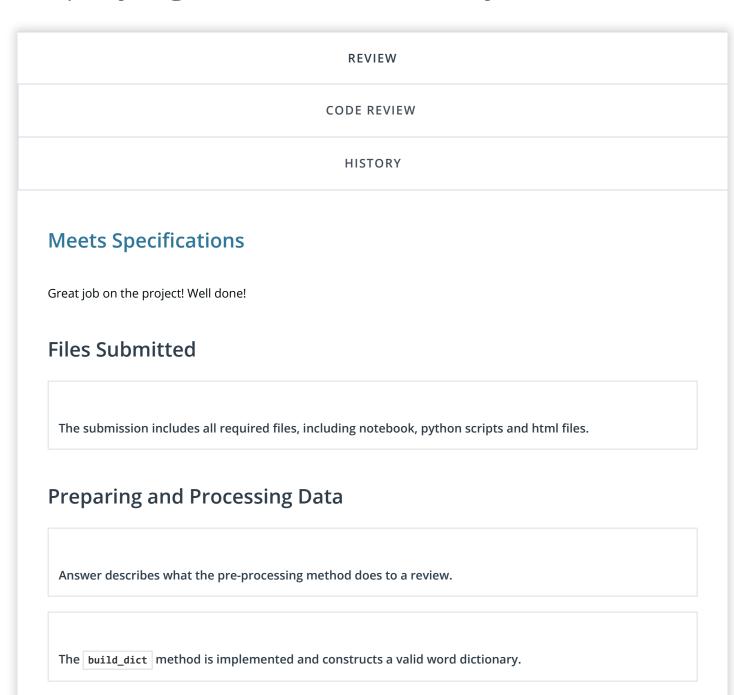


#### < Return to Classroom

# Deploying a Sentiment Analysis Model



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.

The predict\_fn() method in serve/predict.py has been implemented.

### Deploying the Web App

9/29/2020 Udacity Reviews

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.

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