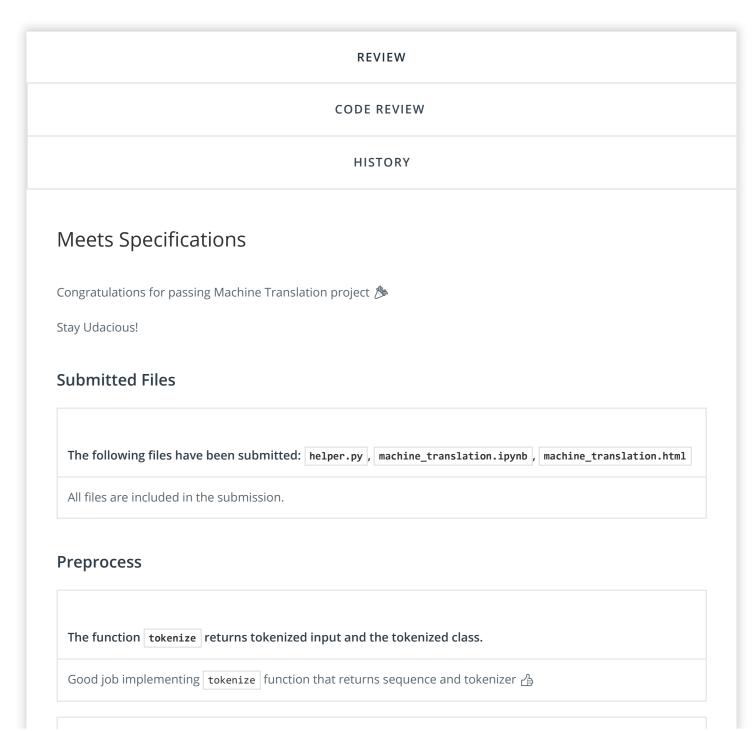


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Machine Translation



The function pad returns padded input to the correct length.

Good job adding pads at the end of sequences

Models

The function simple_model builds a basic RNN model.

Well done! All hyperparameter settings are optimized.

The function embed_model builds a RNN model using word embedding.

Embedding layer is correctly implemented with good output vector.

The Embedding RNN is trained on the dataset. A prediction using the model on the training dataset is printed in the notebook.

The function bd_model builds a bidirectional RNN model.

Good to see you provide functional and sequential implementation with this bd_model.

The Bidirectional RNN is trained on the dataset. A prediction using the model on the training dataset is printed in the notebook.

The function <code>model_final</code> builds and trains a model that incorporates embedding, and bidirectional RNN using the dataset.

Good job for adding | Embedding | Bidirectional |, and | Encoder-Decoder | layers in your | model_final |.

You can also implement with Sequential model as follows:

model = Sequential()
model.add(Embedding(input_dim=english_vocab_size,output_dim=128,input_length=input_s

Udacity Reviews

Prediction

9/12/2019

The final model correctly predicts both sentences.

Great job for getting perfect translations on both sentences and achieving 97.02% accuracy score 💍

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