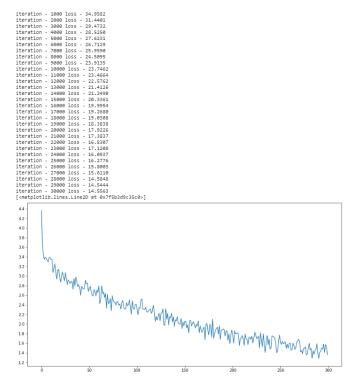
## PyTorch Portuguese to English Translator Using a Recurrent Neural Network (RNN) Developed Using Google Colab with GPU Processing Enabled



You can see the loss steadily declining after each iteration

## **Attributions:**

Language data is located <u>here</u>.

Original code for French translator is located <u>here</u>.

```
> ela a sempre gentil com todos .
= she is always kind to everyone .
< she is always kind to her her . <EOS>
> eu sou professora de ingla s .
= i am an english teacher .
< i m a teacher teacher . <EOS>
> na s estamos falando sobre voca .
= we re talking about you .
< we re talking about you . <EOS>
> eu estou dando o meu melhor .
= i m trying to do my best .
< i m trying to have my best . <EOS>
> estou em paris .
= i am in paris .
< i am in a . <EOS>
> voca na o a bem vinda .
= vou re not welcome .
< you re not like that . <EOS>
```

The first sentence is in Portuguese, the second sentence is the correct English translation, and the third sentence is the predicted translation