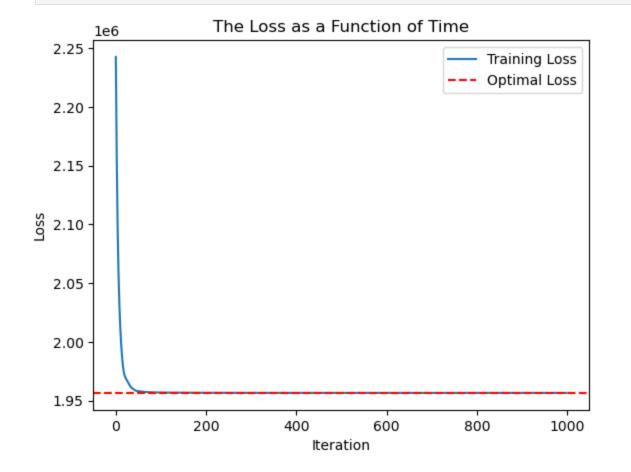
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Unigram Pytorch

Jiayi Zhou

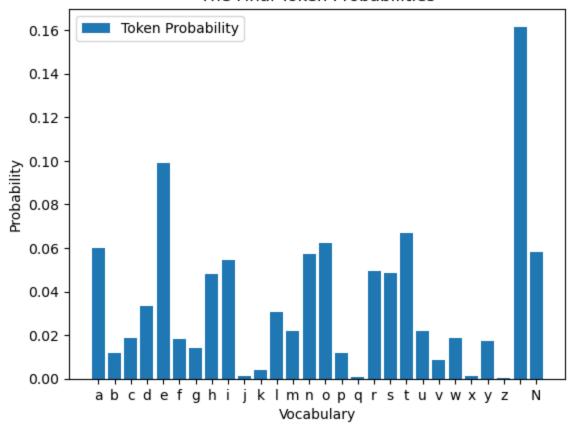
Sep 27 2023

In []: import unigram_pytorch
In []: unigram_pytorch.gradient_descent_example()

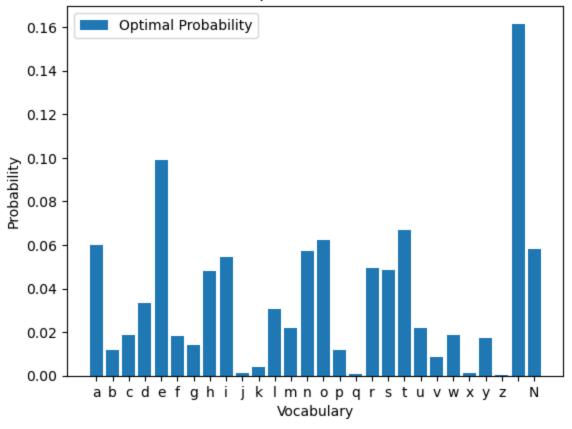


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The Final Token Probabilities



The Optimal Probabilities



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- 1. As we can see in plot 1, the loss drastically drop around the first 50 iterations and get close to and stay around optimal loss.
- 2. As we can see in plot 2 and plot 3, the final token probabilities is similar to the optimal token probabilities.