IT 340 Fall 2024

Final project (100 points)

Due: December 12 at 11:59 pm

Project description:

You will implement the skip gram algorithm for word embedding in this project.

Expected outcome (window size: 2; embedding dimension: 128; epoch: 100; alpha: 0.005):

A blue line graph with numbers

Description automatically generated

Requirements:

1. Your program should use a variable to control the window size.
2. Your program should use a variable to control the embedding dimension.
3. Your program will produce a line plot that is close to the expect outcome.
4. Use the provided training data.
5. You cannot use any libraries except for Numpy and Matplotlib