coursera

Lab Help

Assignment 1: Auto Correct

Welcome to the first assignment of Course 2. This assignment will give you a chance to brush up on your python and probability skills. In doing so, you will implement an auto-correct system that is very effective and useful.

Outline

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- 4. Minimum Edit Distance
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0. Overview

You use autocorrect every day on your cell phone and computer. In this assignment, you will explore what really goes on behind the scenes. Of course, the model you are about to implement is not identical to the one used in your phone, but it is still quite good.

By completing this assignment you will learn how to:

- Get a word count given a corpus
- Get a word probability in the corpus
- Manipulate strings
- Filter strings
- Implement Minimum edit distance to compare strings and to help find the optimal path for the edits.
- Understand how dynamic programming works

Processing math: 100%