

Natural Language Processing Lab

Identify the list of candidate words using Trie structure for the misspelled word. Find the minimum edit distance and choose the correct word based on the context.

INPUT:

"During the summer we have the best ueather.", "I have a black ueather jacket, so nice."

OUTPUT:

"During the summer we have the best weather.", "I have a black leather jacket, so nice."

Use the developed model to choose the correct spellings for the following sentences:

1. Mr Patrick is our new (principle/principal).
2. The company (excepted/accepted) all the terms.
3. Please don't keep your dog on the (lose/loose).
4. The (later/latter) is my best friend.
5. I need some (stationary/stationery) products for my craftwork.
6. The actor (excepted/accepted) the Oscar.
7. I will call you (later/latter) in the evening.
8. Covid (affects/effects) the lungs.
9. The (council/counsel) of the ministers were sworn in yesterday.
10. Robert (too/to) wants to accompany us to the park.
11. Mia will (council/counsel) me about choosing fashion as my career.
12. The (bear/bare) at the zoo was very playful.
13. The sheep have a lot of (fur/far) that keeps them warm.
14. The hot spring is at the (furthest/ farthest) corner of the street.
15. Can you (advice/advise) me on how to study for exams?
16. The team will (loose/lose) the match if they don't play well.
17. Can you go (to/too) the market for me?
18. The teachers asked the students to keep (quite/quiet).
19. The (heap/hip) of garbage should be cleaned immediately.
20. This is (there/their) house.

Submission: A PDF file containing the code and several input with which model is evaluated should be submitted on the LMS page.