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Lecture: Autocorrect and Minimum Edit Distance

- ✓

Video:

Intro to Course 2

1 min
- ✓

Video:

Week Introduction

55 sec
- ✓

Video:

Overview

1 min
- ✓

Reading:

Overview

3 min
- ✓

Video:

Autocorrect

2 min
- 📖

Reading:

Autocorrect

4 min
- ▶

Video:

Building the model

4 min
- 📖

Reading:

Building the model

3 min
- 📑

Lab:

Lecture notebook: Building the vocabulary

1h
- ▶

Video:

Building the model II

3 min
- 📖

Reading:

Building the model II

4 min
- 📑

Lab:

Lecture notebook: Candidates from

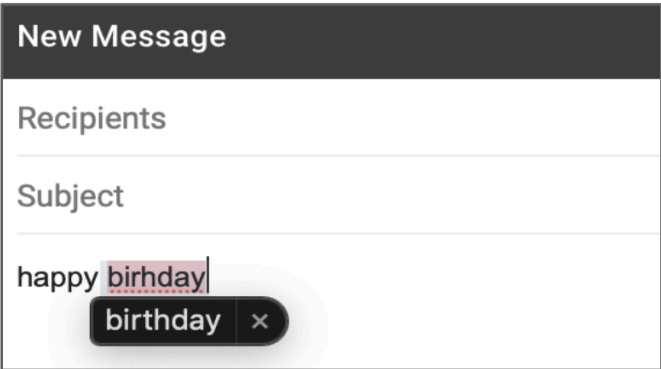
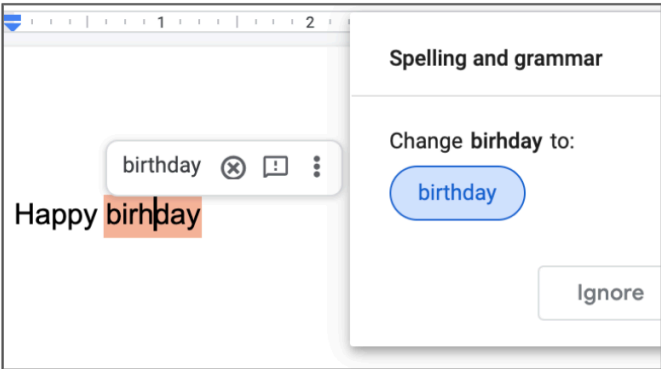
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Autocorrect

Autocorrects are used everywhere. You use them in your phones, tablets, and computers.

- Phones
- Tablets
- Computers



To implement autocorrect in this week's assignment, you have to follow these steps:

- Identify a misspelled word
- Find strings **n** edit distance away: (these could be random strings)
- Filter candidates: (keep only the real words from the previous steps)
- Calculate word probabilities: (choose the word that is most likely to occur in that context)

