Spell Correction with N-grams

Input: 'speling'

Check if word exists in dictionary

Found

Not found

**YES
Return word**

NO
Generate candidates

1. One edit away
(insert, delete, replace)

Candidates:
• spelling
• spoiling
• speeding
• spieling

2. Two edits away
(if needed)

Score each candidate
with n-gram model

Scores (bigram):
P('spelling correction') = 0.8
P('spoiling correction') = 0.1
P('speeding correction') = 0.05

**Return top candidate
'spelling'**