

# Let's add lexicon features to input words

- Let's **match every n-gram** of input text against entries in our lexicon

Take me to San Francisco



- A match is successful when **the n-gram matches the prefix or postfix** of an entry and is at least half the length of the entry

*Matches:*

- “San” → “San Antonio”
- “San” → “San Francisco”
- “San Francisco” → “San Francisco”

- When there are multiple **overlapping matches**:
    - Prefer **exact** matches over partial
    - Prefer **longer** matches over shorter
    - Prefer **earlier** matches in the sentence over later
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