







## Word Sense Disambiguation (2)

- Categories
  - Use word sense labels (run1, run2, etc.) to name the possible categories.
- Features
  - Features describe the *context* of the word we want to disambiguate.
  - Possible features include:
    - near(w): is the given word near an occurrence of word w?
    - pos: the word's part of speech
    - left(w): is the word immediately preceded by the word w?

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## WSD: Sample Training Data

Features				Word Soned
POS	near(race)	near(river)	near(stockings)	word Sense
Noun	No	No	No	run4
Verb	No	No	No	run1
Verb	No	Yes	No	run3
Noun	Yes	Yes	Yes	run4
Verb	No	No	Yes	run1
Verb	Yes	Yes	No	run2
Verb	No	Yes	Yes	run3
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