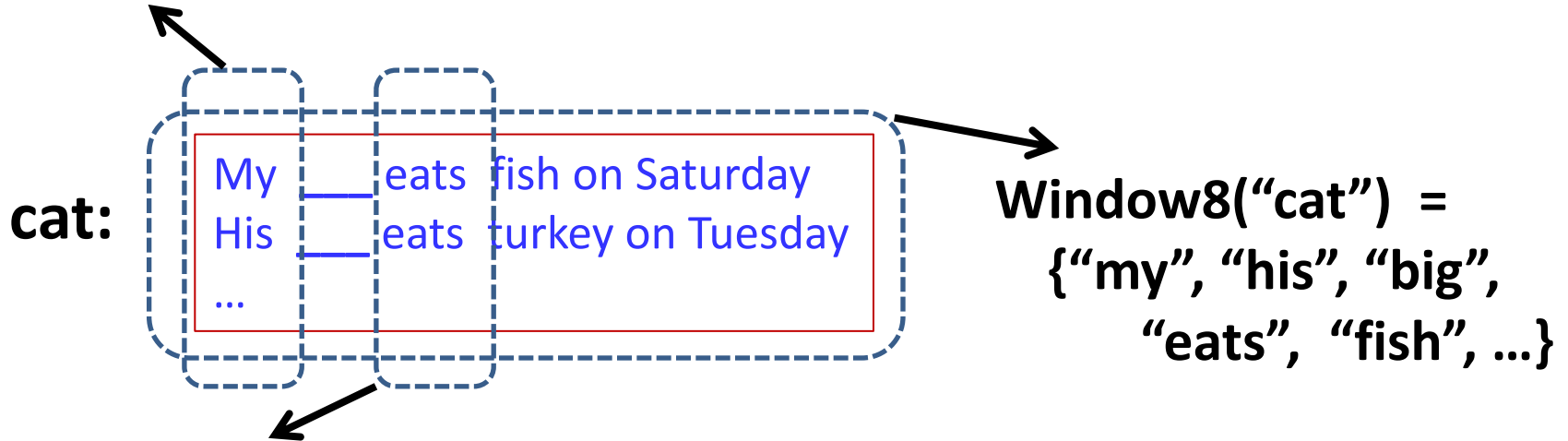


# Word Context as “Pseudo Document”

$\text{Left1}(\text{“cat”}) = \{\text{“my”}, \text{“his”}, \text{“big”}, \text{“a”}, \text{“the”}, \dots\}$



$\text{Right1}(\text{“cat”}) = \{\text{“eats”}, \text{“ate”}, \text{“is”}, \text{“has”}, \dots\}$

**Context = pseudo document = “bag of words”**

**Context may contain adjacent or non-adjacent words**