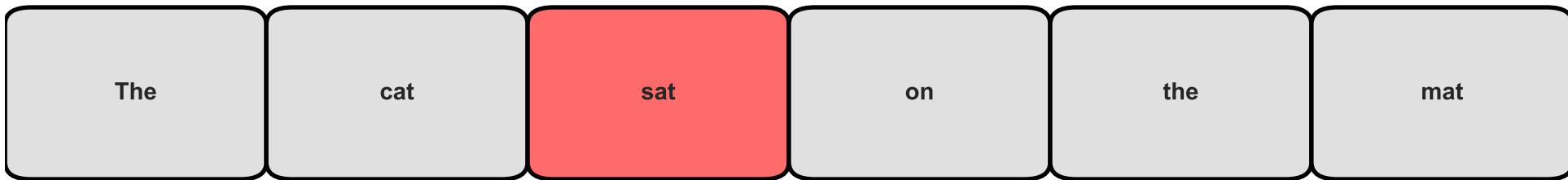


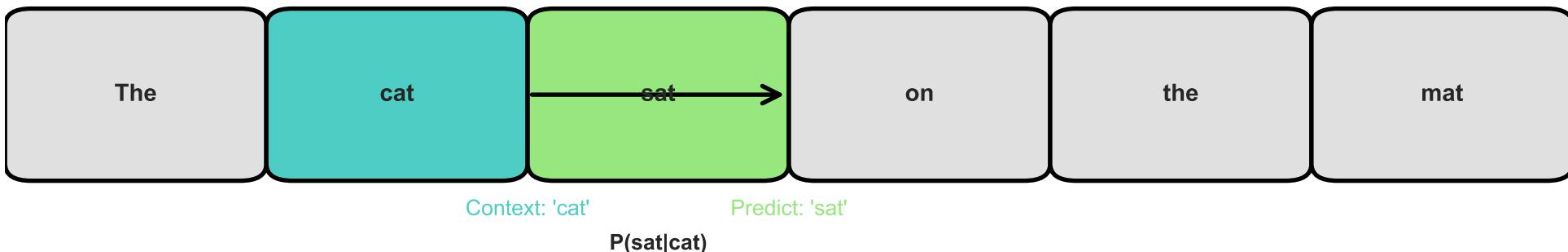
Unigram Model (n=1): Each word independently



Current: 'sat'

No context used

Bigram Model (n=2): Previous word as context



The

cat

sat

on

the

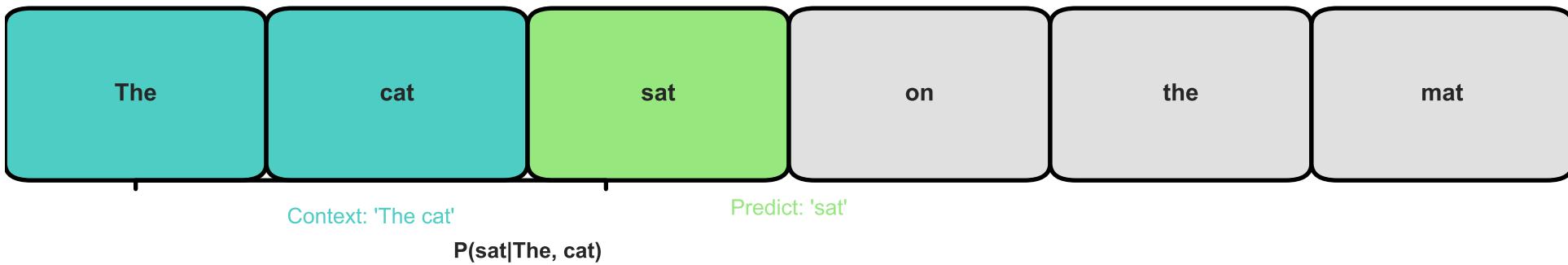
mat

Context: 'cat'

Predict: 'sat'

$P(\text{sat}|\text{cat})$

Trigram Model (n=3): Two previous words as context



The

cat

sat

on

the

mat

Context: 'The cat'

Predict: 'sat'

$P(\text{sat}|\text{The, cat})$