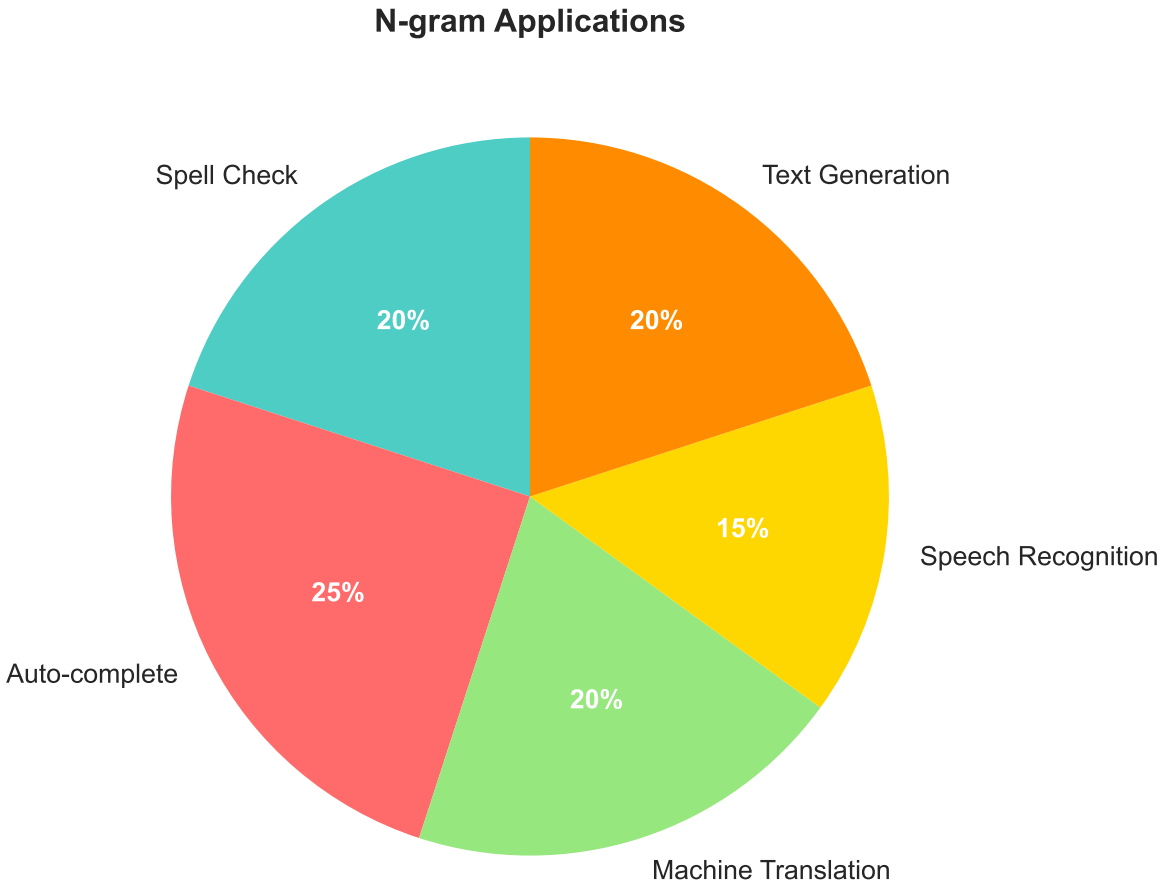
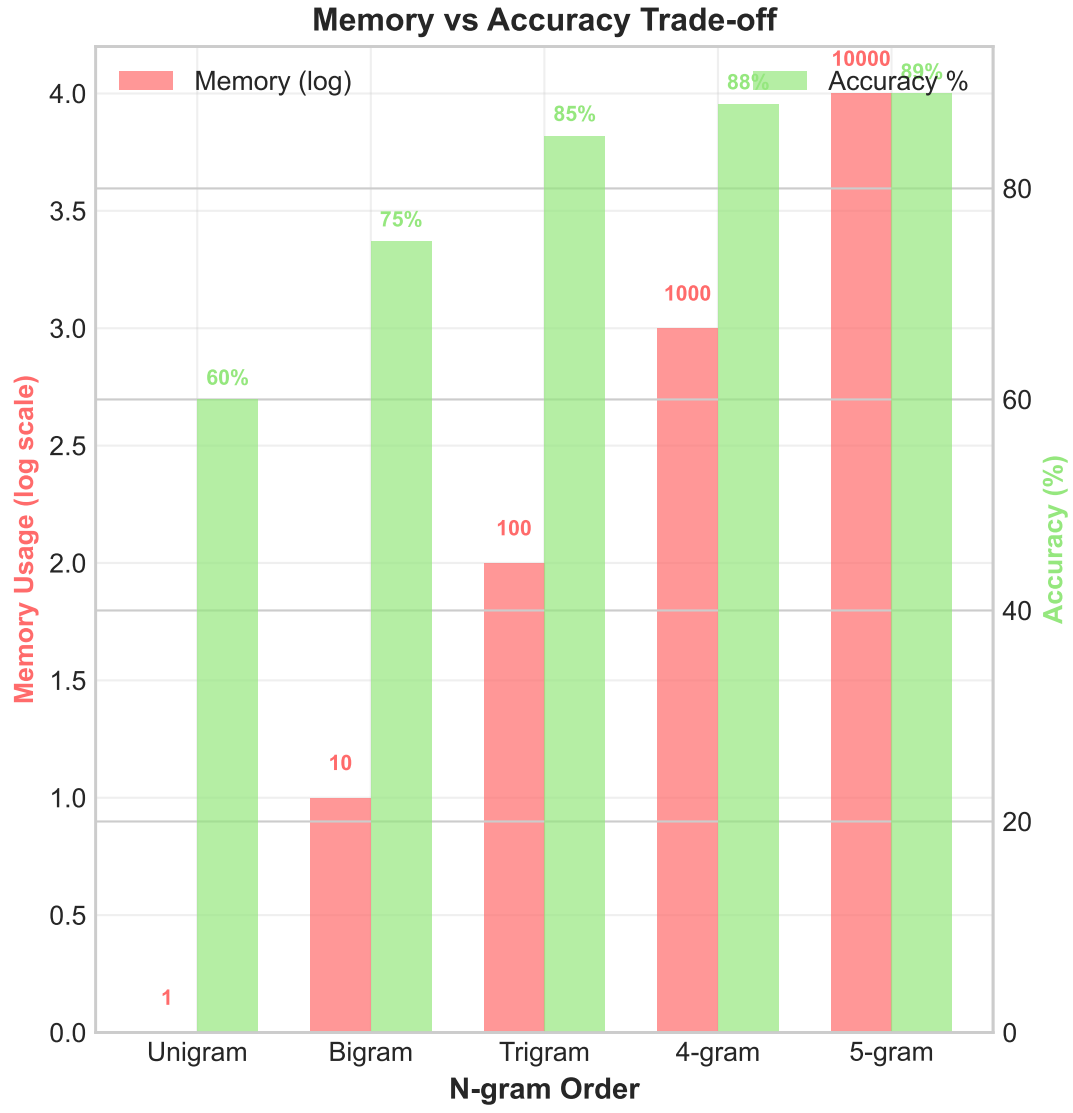

N-gram Applications
Spell Check
Text Generation
20%
20%
15%
Speech Recognition
25%
Auto-complete
20%
Machine Translation


Memory vs Accuracy Trade-off
Memory (log)
Accuracy %
Memory Usage (log scale)
Accuracy (%)
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
80
60
40
20
0
1
10
100
1000
10000
60%
75%
85%
88%
89%
Unigram
Bigram
Trigram
4-gram
5-gram
N-gram Order