



input → word

input + word → word

input word word → word

Ques
Answer
Question

text



tokens



1-hot



encoder

} depend on input size



ANN ← Parser, most of work

size ~ energy



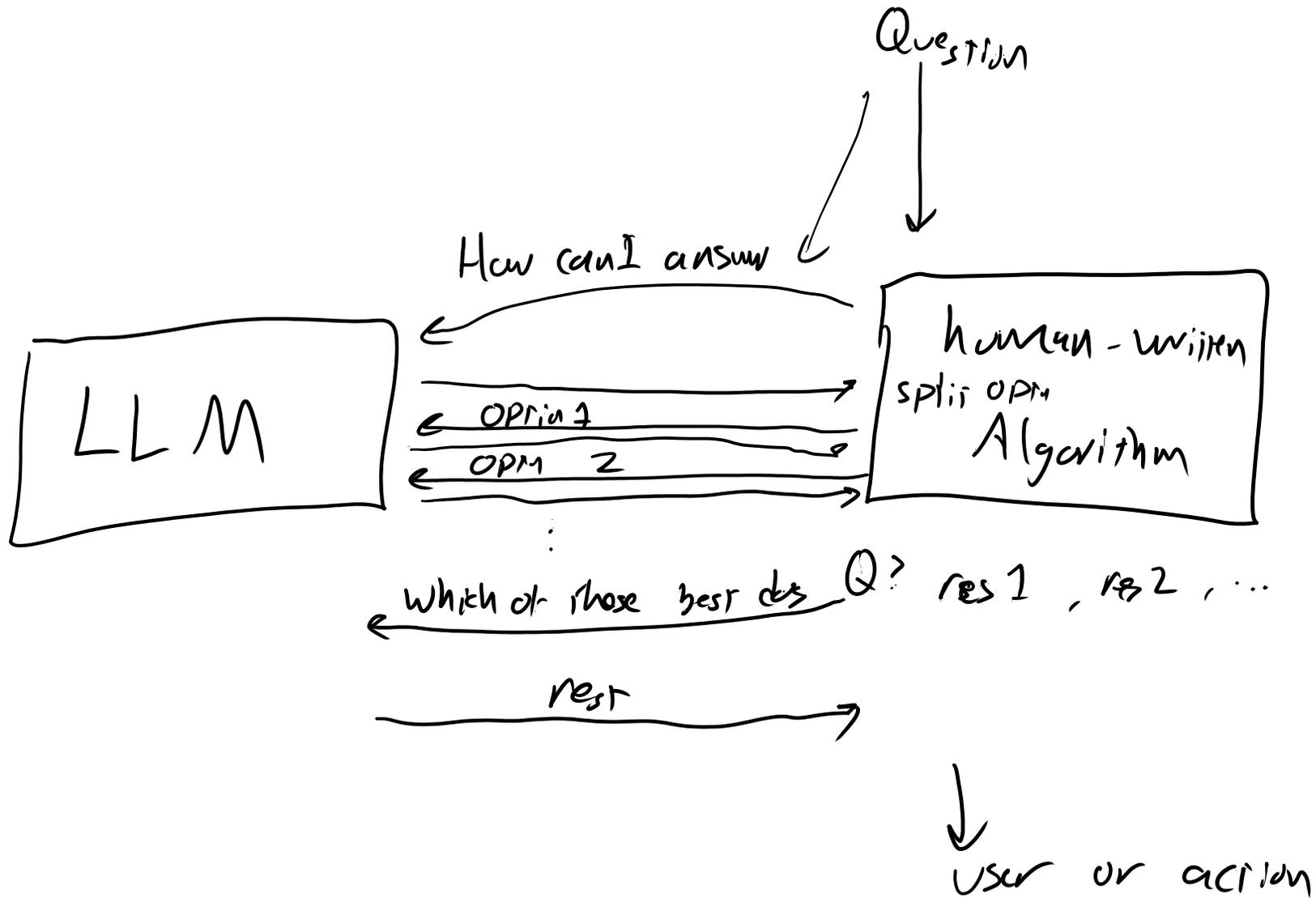
decoder ← [0, 0, 0.7, 0, 0.3, 0.2, ...]



word

Output size ~ energy

Energy used by American \leadsto 140 LLM tokens
Per second



Questions

Agentic vs Generative
next few years