LLM Hyperparameters
input: The cat is

The | Cat | is → LLM
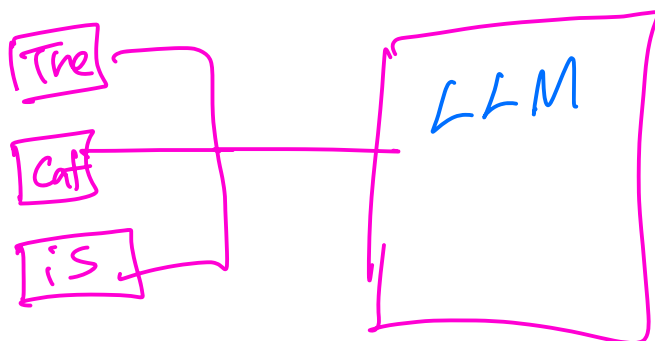
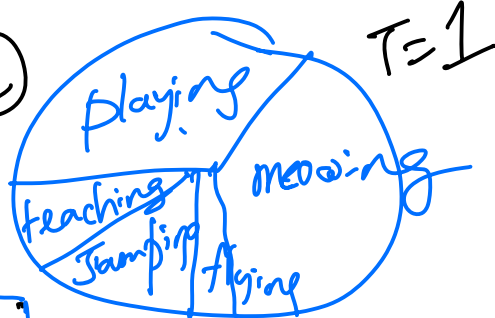| Token	P
playing	0.3
meowing	0.25
flying	0.10
jumping	0.20
teaching	0.15

} 1

TEMPERATURE

– change the P values to favour the lower values
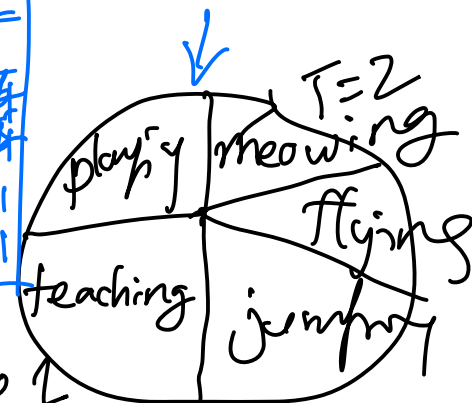
(range = 0-2)
def = 1

T = 1

Token	P
playing	0.3
meowing	0.25
flying	0.10
jumping	0.20
teaching	0.15

→

T = 2

Token	P
playing	0.25
meowing	0.20
flying	0.12
jumping	0.22
teaching	0.21

T = 0

Token	P
playing	0.4
meowing	0.35
jumping	0.24
flying	0.01
teaching	0.01

T = 1

T = 2

TOP-P

(range 0 to 1
def: 1)

P = 1

Token	P
playing	0.3 ✓
meowing	0.25 ✓
flying	0.10
jumping	0.20 ✓
teaching	0.15

→

TOP-P = 0.8

Token	P
playing	0.3
meowing	0.25
jumping	0.20

→

Token	P
playing	0.45
meowing	0.30
jumping	0.25

KEY ELEMENTS OF A PROMPT

Context

Instruction

✦ GPT-4

Considering the recent research on climate change, summarize the main findings in the attached report and present your summary in a journalistic style.

Input data

Output indicator
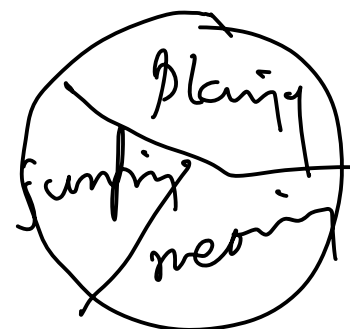
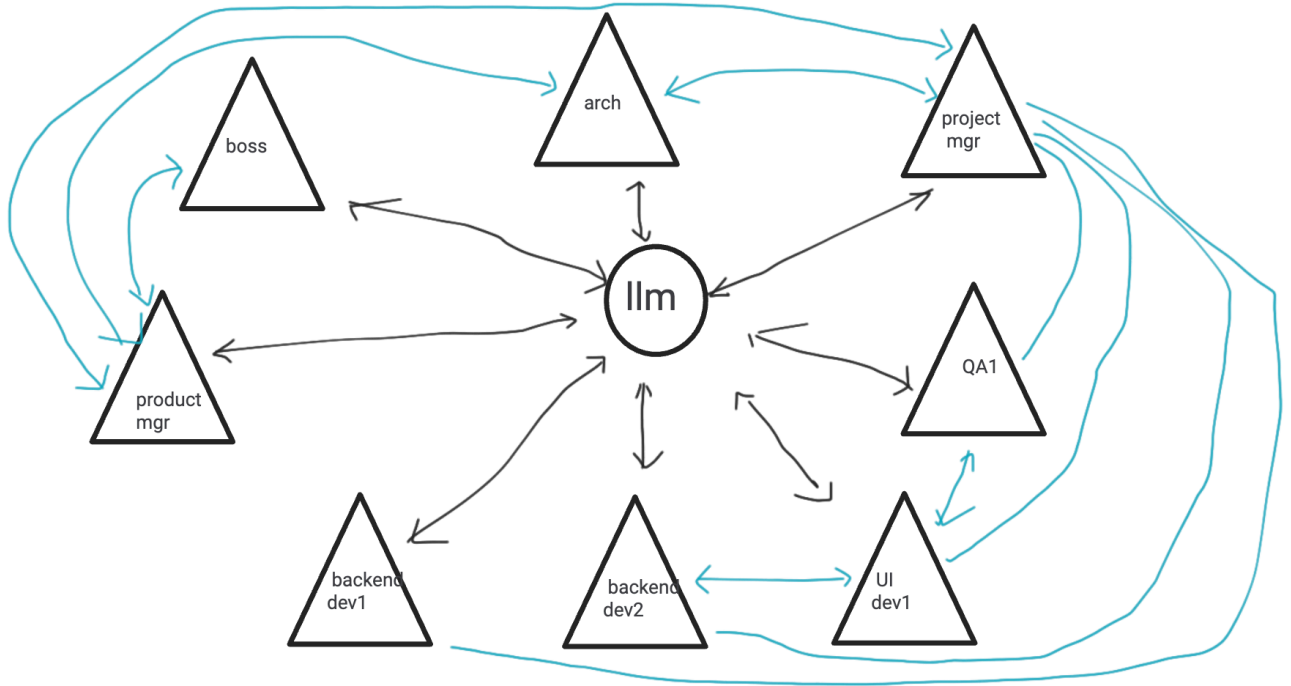altexsoft
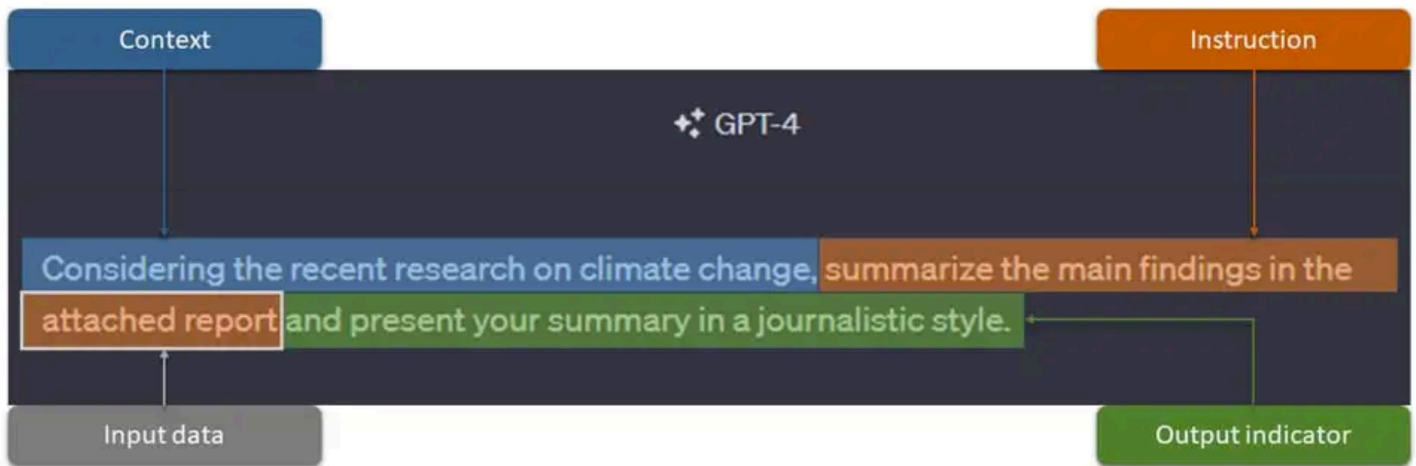
multi-agent prompting

a highly evolved use of prompt engineering can be found in metagpt - an open source lib for multi-agent use cases

Single-line requirement: Build an e-commerce application for electronic products