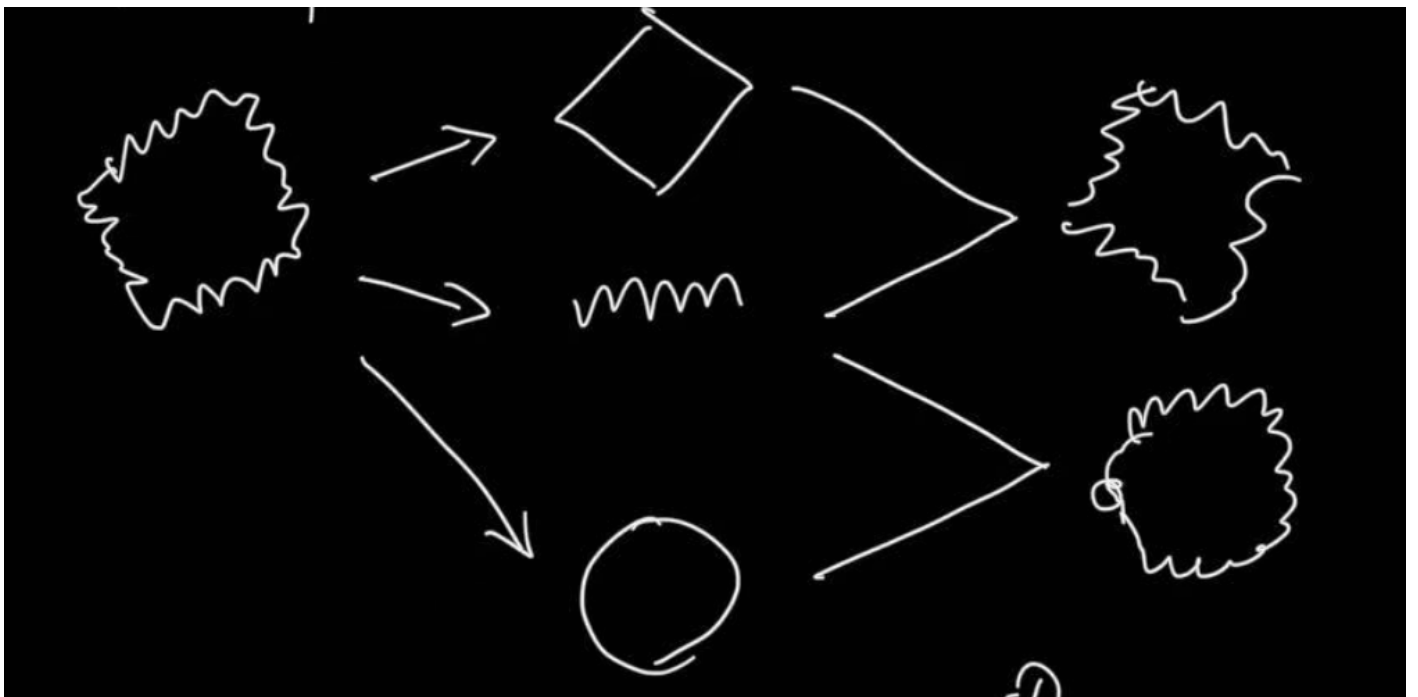
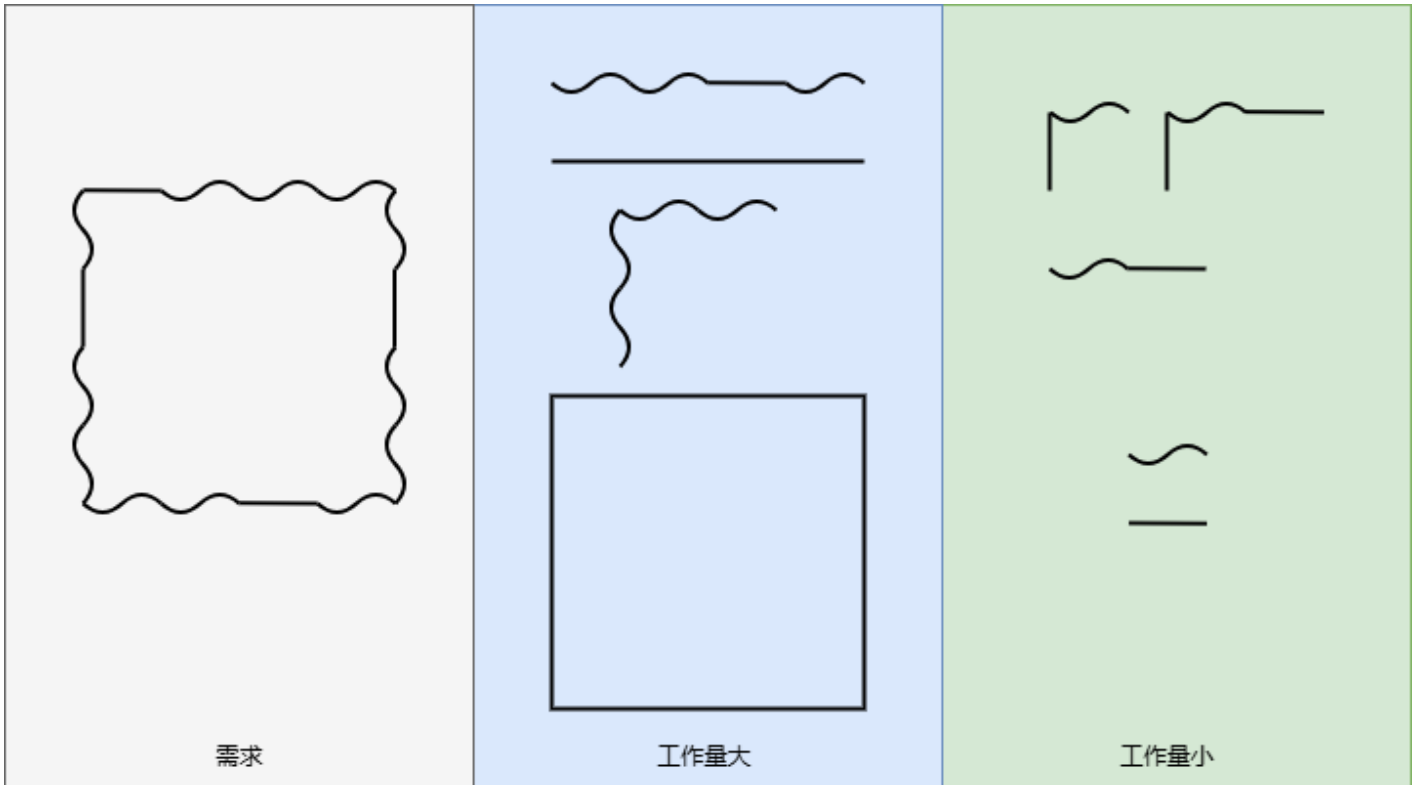


????

- [\[1\]](#)
- [\[2\]](#)
- [\[3\]](#)
- [\[4\]](#)
- [\[5\]](#)
- [\[6\]](#)
- [\[7\]](#)
- [\[8\]](#)
- [\[9\]](#)
- [\[10\]](#)
- [\[11\]](#)
- [\[12\]](#)
- [\[13\]](#)
- [\[14\]](#)
- [\[15\]](#)
- [\[16\]](#)
- [\[17\]](#)
- [\[18\]](#)
- [\[19\]](#)
- [\[20\]](#)
- [\[21\]](#)
- [\[22\]](#)
- [\[23\]](#)
- [\[24\]](#)
- [\[25\]](#)
- [\[26\]](#)
- [\[27\]](#)
- [\[28\]](#)
- [\[29\]](#)
- [\[30\]](#)
- [\[31\]](#)
- [\[32\]](#)
- [\[33\]](#)
- [\[34\]](#)
- [\[35\]](#)
- [\[36\]](#)
- [\[37\]](#)
- [\[38\]](#)
- [\[39\]](#)
- [\[40\]](#)
- [\[41\]](#)
- [\[42\]](#)
- [\[43\]](#)
- [\[44\]](#)
- [\[45\]](#)
- [\[46\]](#)
- [\[47\]](#)
- [\[48\]](#)
- [\[49\]](#)
- [\[50\]](#)
- [\[51\]](#)
- [\[52\]](#)
- [\[53\]](#)
- [\[54\]](#)
- [\[55\]](#)
- [\[56\]](#)
- [\[57\]](#)
- [\[58\]](#)
- [\[59\]](#)
- [\[60\]](#)
- [\[61\]](#)
- [\[62\]](#)
- [\[63\]](#)
- [\[64\]](#)
- [\[65\]](#)
- [\[66\]](#)
- [\[67\]](#)
- [\[68\]](#)
- [\[69\]](#)
- [\[70\]](#)
- [\[71\]](#)
- [\[72\]](#)
- [\[73\]](#)
- [\[74\]](#)
- [\[75\]](#)
- [\[76\]](#)
- [\[77\]](#)
- [\[78\]](#)
- [\[79\]](#)
- [\[80\]](#)
- [\[81\]](#)
- [\[82\]](#)
- [\[83\]](#)
- [\[84\]](#)
- [\[85\]](#)
- [\[86\]](#)
- [\[87\]](#)
- [\[88\]](#)
- [\[89\]](#)
- [\[90\]](#)
- [\[91\]](#)
- [\[92\]](#)
- [\[93\]](#)
- [\[94\]](#)
- [\[95\]](#)
- [\[96\]](#)
- [\[97\]](#)
- [\[98\]](#)
- [\[99\]](#)
- [\[100\]](#)

- [LLM](#)
- [AI](#)
- [AI](#)
- [Theory of Space](#)
-
-
- [AI](#)
- [AI](#)
- [AI](#)
-

??



????/???/API

1. []
2. []
 1. []
3. []

LLM????????

1. [] LLM []
 1. [] token []
 2. []
 3. token []
2. tensor []
3. dot/gemm []
4. [] attention
5. []
 1. [] " [] "
 2. []
 3. [] " [] "
 4. [] -> [] -> [] -> []
 5. [] 3 []
6. []
 1. NetList -> [] -> [] -> PR []
 2. sequence -> [] -> sequence

??

[]

[]

" [] "

[] AI []

[] AI []

[]

AI

[]

context []

context [] AI

[]

[] " [] " []

[] AI []

?????

????????????????

1. []
2. []
3. []

??

1. []
2. []
3. []
4. []

????????????????????????????????????

1. []
2. [] cover []
3. []
4. []

????????????

1. []
 1. []
 2. []
 1. []
 2. []
2. []
3. []
4. []

??????

????????????

1.
1.
2.
2.
1.
2.
3.
3.
1.

????????????

????

1.
2.

????

1. 13
2. /
3.

????

1. []

1. []

2. []

3. []

2. []

1. []

[]

2. []

[]

/ []

" [] "

" [] " [] "

??????????

1.

2. “ ” “ ”

3.

4. “ ”
 “ ”

5.

6. “ ”

 “ ”

???AGI???

10 300

“ ” “ ”

“ ”

AI

“ ”

AI

??????

??????

- []
- []
- []

????????????????????

1. []
2. []
3. []
4. []
 1. []
 2. Nature [] [] []
5. []
 1. []
 2. []

????????

[]

[] []

Transformer []

1. [] google [] nvidia openai []
2. []

[] transformer

[]

[] linux []

[] / []

????????????????

AI

" " "

" " "

" " "

" " "

" " "

" " "

fork

fork

" " "

" " "

AI

??AI???????

??

1. [] 2016[]
 1. [] < 2 @ 20251220
 2. []
2. [] LLM[] AGI[] LLM[]
 1. [] AI[]
 1. []
 2. []
 3. [] ...[]
 4. []
 1. []
 2. []
 5. []
 1. []
 2. []
 3. []
 6. []
 7. []
 2. []
 1. []
 2. []
 3. []

??

1. LLM[]
 1. [] LLM[] KV Cache
 2. [] 2016[]
 3. [] @202512[] LLM
 4. [] AI
 5. [] /Agent[] []
 1. []
 2. []
 6. []
 7. [] ([]) AI

???? AI Coding

??

1. [] / [] AI []
2. [] AI []
3. [] AI []
4. [] AI []

???????Agent??????????????

1. []
2. [] LLM []
3. [] CICD []
4. [] AI
5. []
6. []
7. []
 1. bug []
 2. []

??

1. [] AI []
2. [] LLM []
 1. [] LLM []
 2. [] LLM []
 3. Agent []

????????

□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□

□□□□□ -□□□ * □□□□ > □□ □

□□□□□□□□□□□□□□□□□□□□

1. □□□□□□□□□□□□□□□□□□□□□□

2. □□□□□□□□□□□□□□□□□□□□□□

1□□

□□□□□□□□□□□□□□□□

??LLM??????????

????????????????

??

???? LLM????????

1. Chatgpt
2. claude code???????????????? Agent???? LLM????????
tools? skills????
3. cowork openClaw ?????????????

????????????????

1. ?????????
2. ?????????
 1. ????????? cowork????
LLM????

?????

1. ?????????
 1. ?????????
 2. ?????????????????????
 3. ?????????????????????
2. ?????????
 1. ?????????

?????

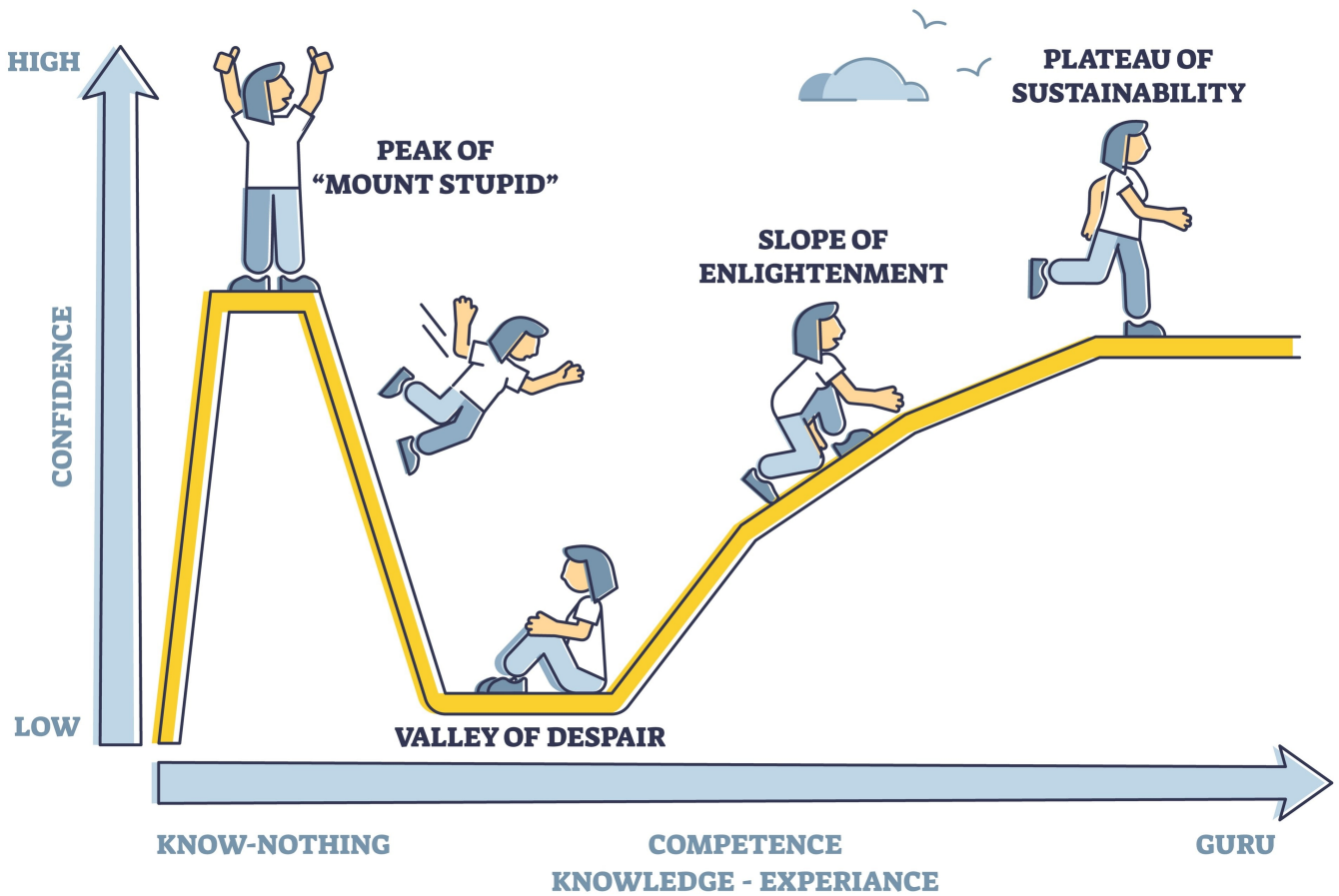
1. ?????
 1. AI? demo????????
 2. ?????????
2. ? GUI?
 1. ?????????
 2. ?????????
3. ????? AI????
 1. ?????????

?????

“ ”

Dunning-Kruger Effect 1999 David Dunning Justin Kruger

DUNNING KRUGER EFFECT



Shutterstock

“ ”

“ **Mount Stupid** ”

“ **Valley of Despair** ”

“ ”

“ ”

“ ”

“ ”

- `API` `AI` `REST vs GraphQL` vs `GraphQL`
- `API` `AI` `REST vs GraphQL` vs `GraphQL`
- `API` `AI` `REST vs GraphQL` vs `GraphQL`
- `API` `AI` `REST vs GraphQL` vs `GraphQL`
- `API` `AI` `REST vs GraphQL` vs `GraphQL`
- `API` `AI` `REST vs GraphQL` vs `GraphQL`

??? AI ?????

- `API` `AI` `REST vs GraphQL` vs `GraphQL`
- `API` `AI` `REST vs GraphQL` vs `GraphQL`
- `API` `AI` `REST vs GraphQL` vs `GraphQL`
- `API` `AI` `REST vs GraphQL` vs `GraphQL`
- `API` `AI` `REST vs GraphQL` vs `GraphQL`

????????????

`API` `AI` `REST vs GraphQL` vs `GraphQL`

? ? AI ???

<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>
<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>
<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>
<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>
<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>
<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>

AI ? ?????

<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>
<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>
<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>
<code>API</code>	<code>AI</code>	<code>REST vs GraphQL</code> vs <code>GraphQL</code>

- [] []
- [] []
- [] []
- [] []
- [] []

??/??????

[]

- [] CI/CD [] code review []
- [] [] AI [] ADR []
- [] [] AI [] dev [] prod []
- [] [] prompt [] AI []
- [] [] AI [] bug []

????????????

?? 0??????AI ???

[] → [] → [] → [] → [] → []

?? 1?AI ??????????????????

IDE [] AI []
 [] []
 20-40% []

?? 2?AI ??????????????????

AI [] AI [] " [] "
 [] CLAUDE.md [] prompt [] [] []
 [] " [] "

[]

- AI [] " [] " + [] + [] " [] "
- [] " [] " [] " [] "
- [] " [] " [] " [] "

2. [] [] AI []

[] "AI []" [] AI
[]

???????? SaaS ????? "?????"

????

[] 3 [] SaaS [] 2000 [] " [] " [] "

- [] 100 [] 10 [] 200 [] 30 []
- [] A [] B []
- [] A+B []
- []
- []
- []

[] 1 PM [] 3 [] 2 [] 1 [] 8 [] MVP []

[] AI []

?? 1???????? 1 ??

[] []

[]	[]
[] PM []	[] 8 [] 3 [] / []
AI	[] []
[] PM + []	[] MVP []

[]

- [] AI []
- [] AI []
- [] v0.1 [] AI []
- [] [] MVP []

[]

- AI [] " [] " []
- AI [] " [] vs [] " [] PM []

[] [] 60% AI 40% [] 2 [] 1 []

?? 2????????????? 2 ??

[] []

[] []

- []
- []
- []
- []

[]

[] AI [] 2-3 []

“ []

- [] A []
- [] B [] " [] + [] " [] DSL []
- [] C [] + []

AI []

[] [] C [] MVP [] B [] AI []

[]

- [] AI []
- [] AI []
- **ADR-001** [] C [] AI []
- **ADR-002** [] " [] + [] " []
- []

[]

- AI [] " [] " []
- ADR [] AI []

3 API 3

" CRUD API " AI

- OpenAPI spec
- ER
-
-

-
-
-
-

- promotion-api.yaml OpenAPI
- migrations/2026_04_add_promotion_engine.sql
- docs/integration-with-order-service.md

- AI API 80% CLAUDE.md
- AI " "

40% AI 60%

4 3 - 5

AI

AI

“ + + ”

???

- [] [] AI []
- [] []
- [] **eval** [] [] AI []
- [] [] --- [] AI []

??????

[]

1. [] AI [] [] " [] "
2. AI [] **bug** [] []
3. [] AI []
4. [] [] 1 [] + AI [] 3 []
5. [] AI [] []
6. [] AI [] [] " [] "

??

AI []

[] AI [] " [] " []

[] " [] AI []

- []
- []
- []
- [] AI []

[]

[]

AI

clawdbot cowork claudecode

AI????????????

1. []

1. [] Agent []

2. [] Agent []

2. vibe

1. [] + [] diff

2. []

[]

Agent

3. []

1. []

2. []

3. [] Agent []

4. []

1. []

2. [] Agent []

5. []

1. [] AI []

2. [] AI []

6. [] AI []

1. Python []

1. [] AI []

2. [] ts js [] token

3. []

2. vscode

1. [] IDE

2. [] AI []

7. [] AI []

1. [] LLM []

2. [] LLM [] ([])

