







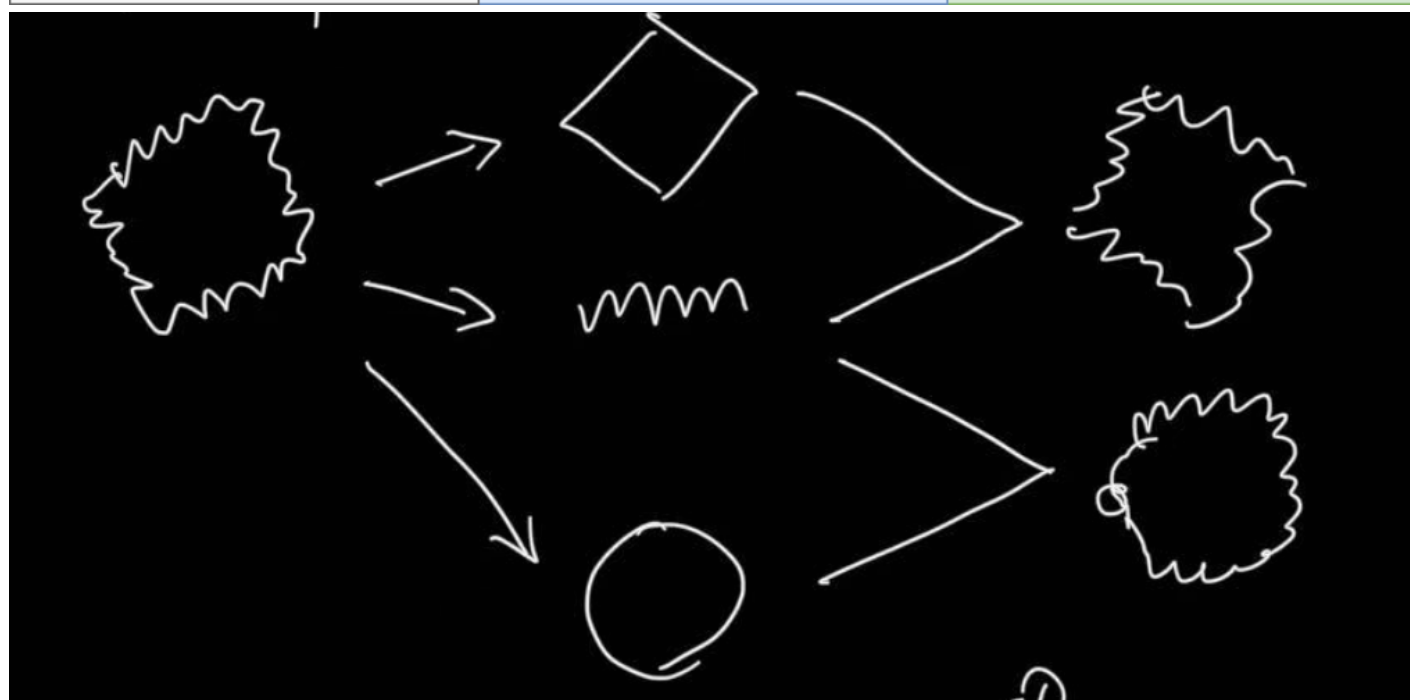
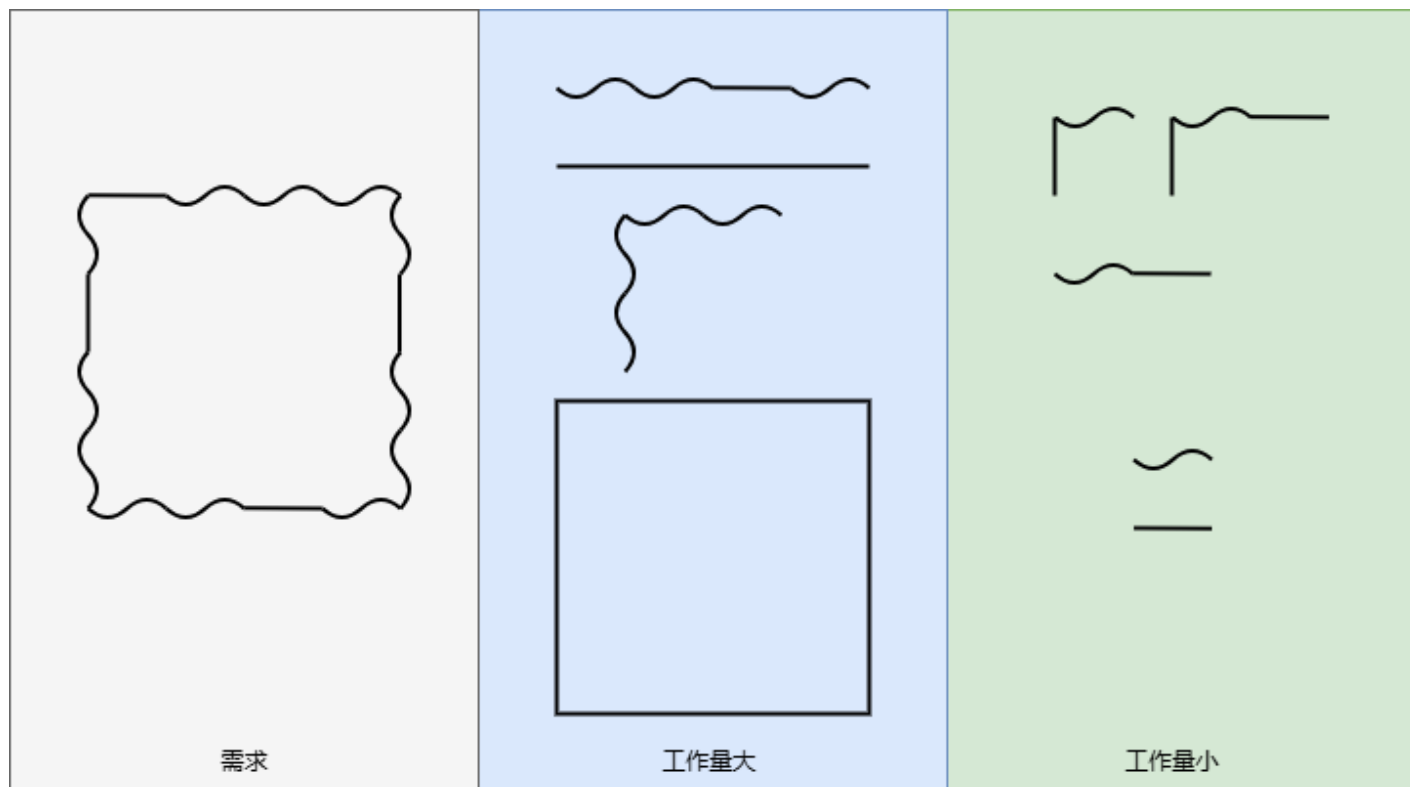




-  _____
-  _____
-  _____
-  _____
-  _____ S _____
-  _____
-  _____



- 1.
- 2.





-
-
- “” "War and....."
-
- 2 + 2 = ?
-
-
- _____
-
- “”

War and peace



-
-
-
-
-
-
-
-
- A
-
-
-
- _____
- 17 x 24



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-

[illegible]

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[illegible][illegible][illegible]

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"[] [] [] []

"□

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"[illegible]










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“ ”



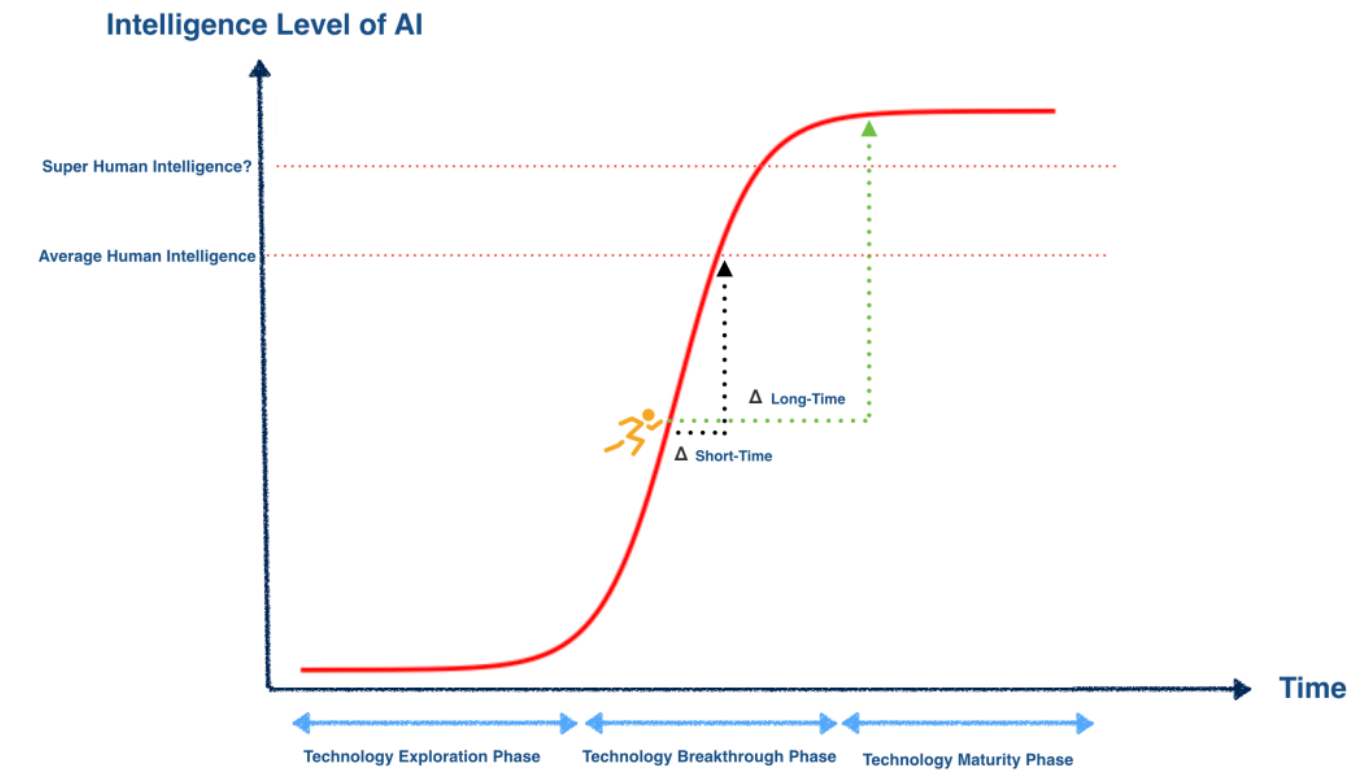
[15]

-  _____ 
-   _____ 
-  _____ 
-   _____   _____  
-   _____ 
-   _____   _____   _____ 

1.   
 1. 

 2. 
 3. 
 4. AI  transformer 



S



Scaling Law



S Sigmoid

AI





1.
2. AI
3.
4. NP
5.



1. “ ”, “ ”
2. “ ” “ ”
3.



1.
 1.
 2. “ ”
 1.
3.
 1. “ ”
 2.
 3.
4.
 1.
 2. 1
 3.
2.
3. AI



1.
 1.

2.
3.

/ /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

1. 1111111111



11 -11

1. 11111111111111111111

1111111111

- 1. python 11 config 1111 ast111111 python111 ,11 toml
- 2. 1111 python model + model11



- 1. 
- 2. 
 - 1. 