

The majority of English books on Buddhism use the term "enlightenment" to translate the term bodhi.

The root budh, from which both bodhi and Buddha are derived, means "to wake up" or "to recover consciousness"

Wikipedia

Meaning not Data

The Terrible Tiger

Deep in the beautiful Korean countryside, there was a little village where everything was calm and peaceful – except for when the tiger that lived in the hills above the village was bad-tempered.

When the tiger was in a bad mood, her roar was so loud and so terrible that it shook the houses and made everyone quake with fear. When people heard the tiger roar like this, they rushed inside, locked their doors and hid away.

One day, the tiger had been roaring rather a lot, because she couldn't find any food. She was hungry and grumpy and so desperate for something to eat that she decided to creep down the hill into the little village and look for dinner. As she quietly padded down the pathways and stalked along the alleys, she was stopped in her tracks by an alarming cry.

"Waah! Waah! Waah!" it went. The tiger had never heard anything like it before. She followed the wailing until she came to a small house. Through an open window, she saw a tiny baby lying in a cot. Its little face was scrunched up and red, and its cry was ear-splittingly loud.

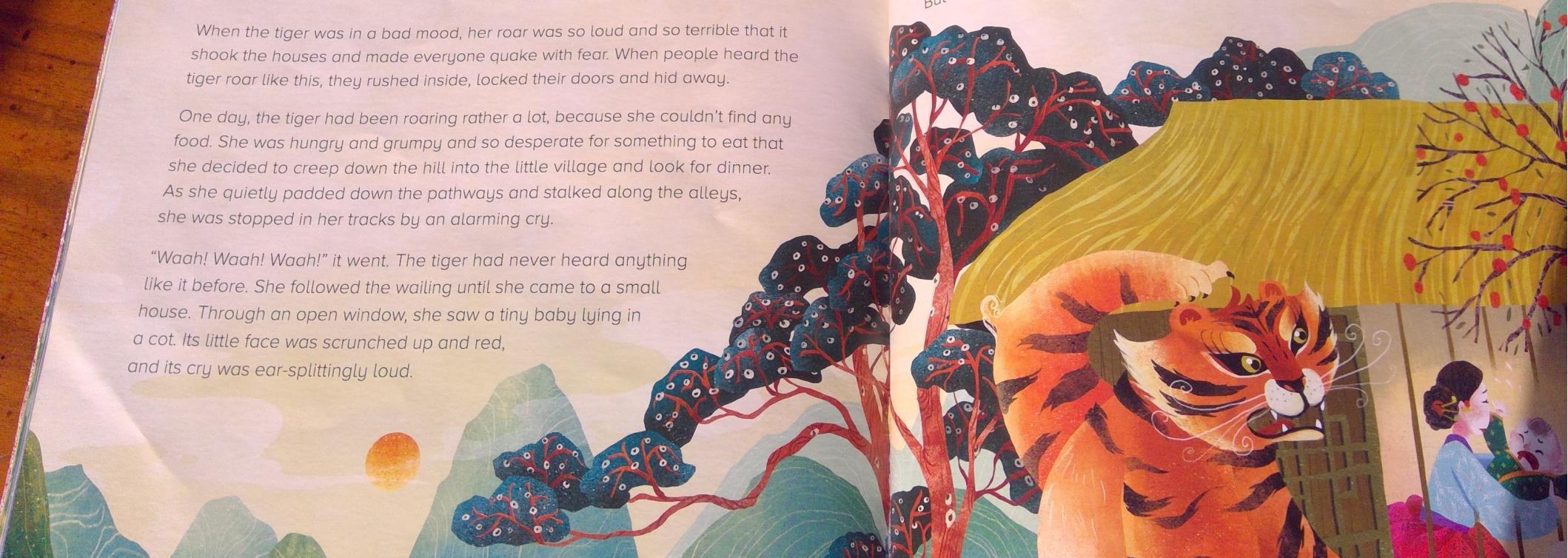
"How annoying," thought the tiger. "I'd better gobble it up to give us some peace."

The tiger was about to leap through the open window and catch the baby in her claws, when the infant's mother came into the room.

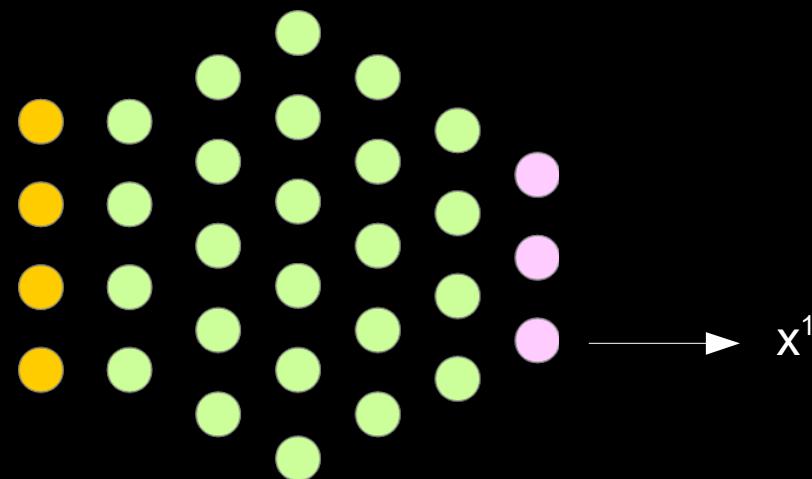
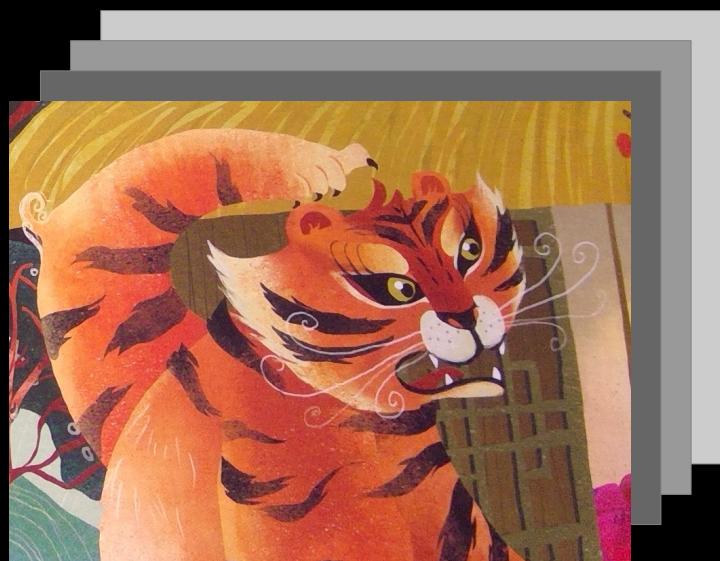
The tiger speedily slunk out of sight, but stayed by the window, waiting for her moment. The mother lifted the baby from the cot and tried to comfort it.

"Shhh!" said the mother, "or Mr Fox will growl at us. Mr Fox doesn't like noise."

But the baby didn't care. It carried on screaming. "Waah! Waah! Waah!"



AI Terrible Tiger



The Terrible Tiger

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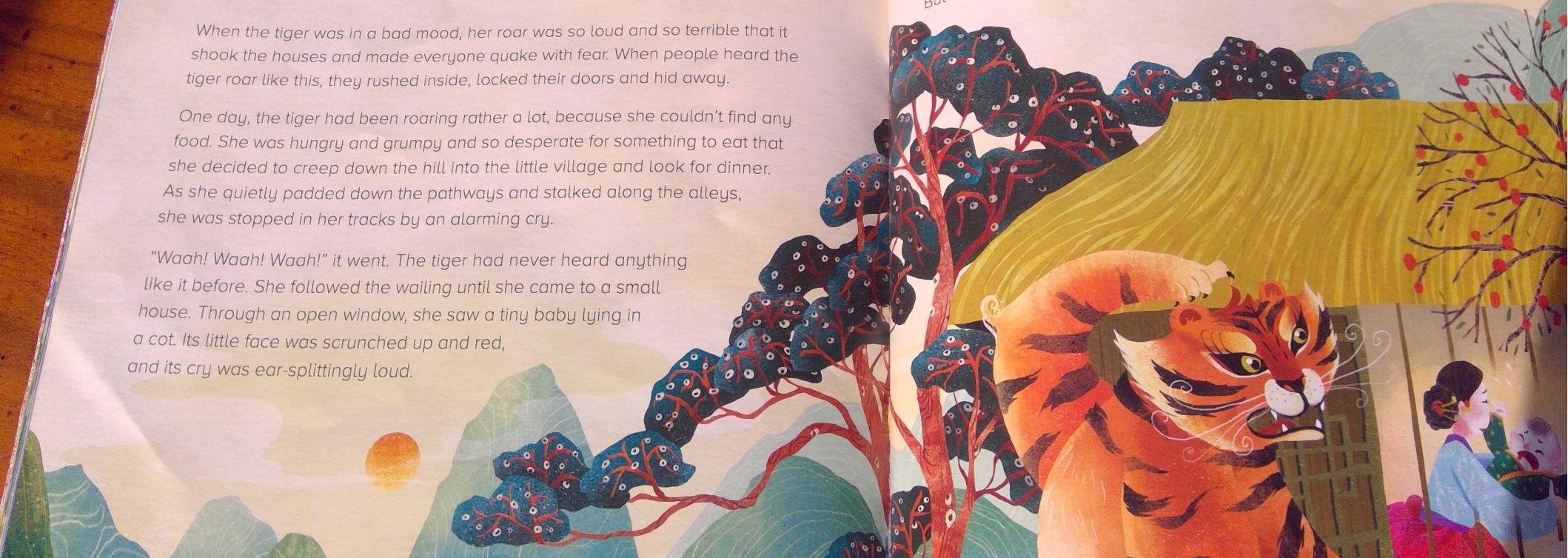
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tiger

tiger

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Animal

Carnivore

Antelope

Endangered

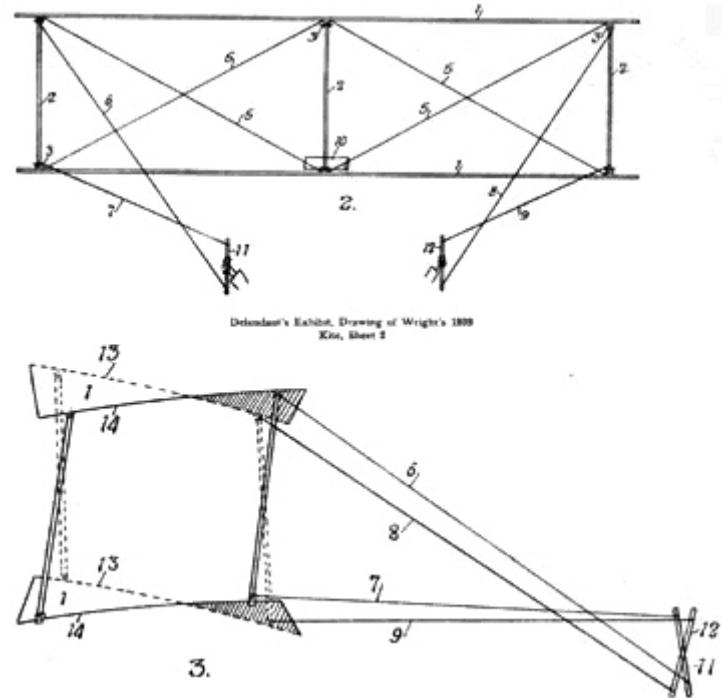
HOW

AI is not a computer science problem

Dreams of flight



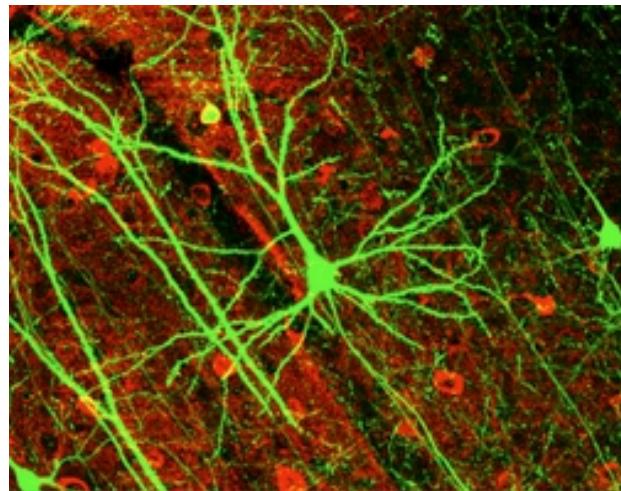
VS



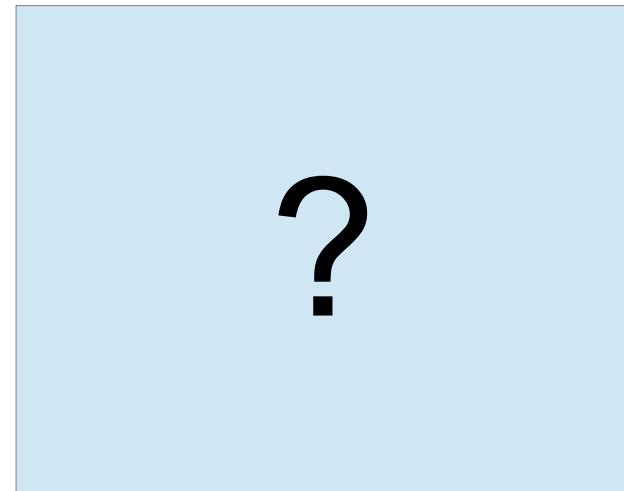
Icarus
Bladud – mythical king
of the Britons

Wright brothers early kite design
showing wing warping capability

Dreams of AGI

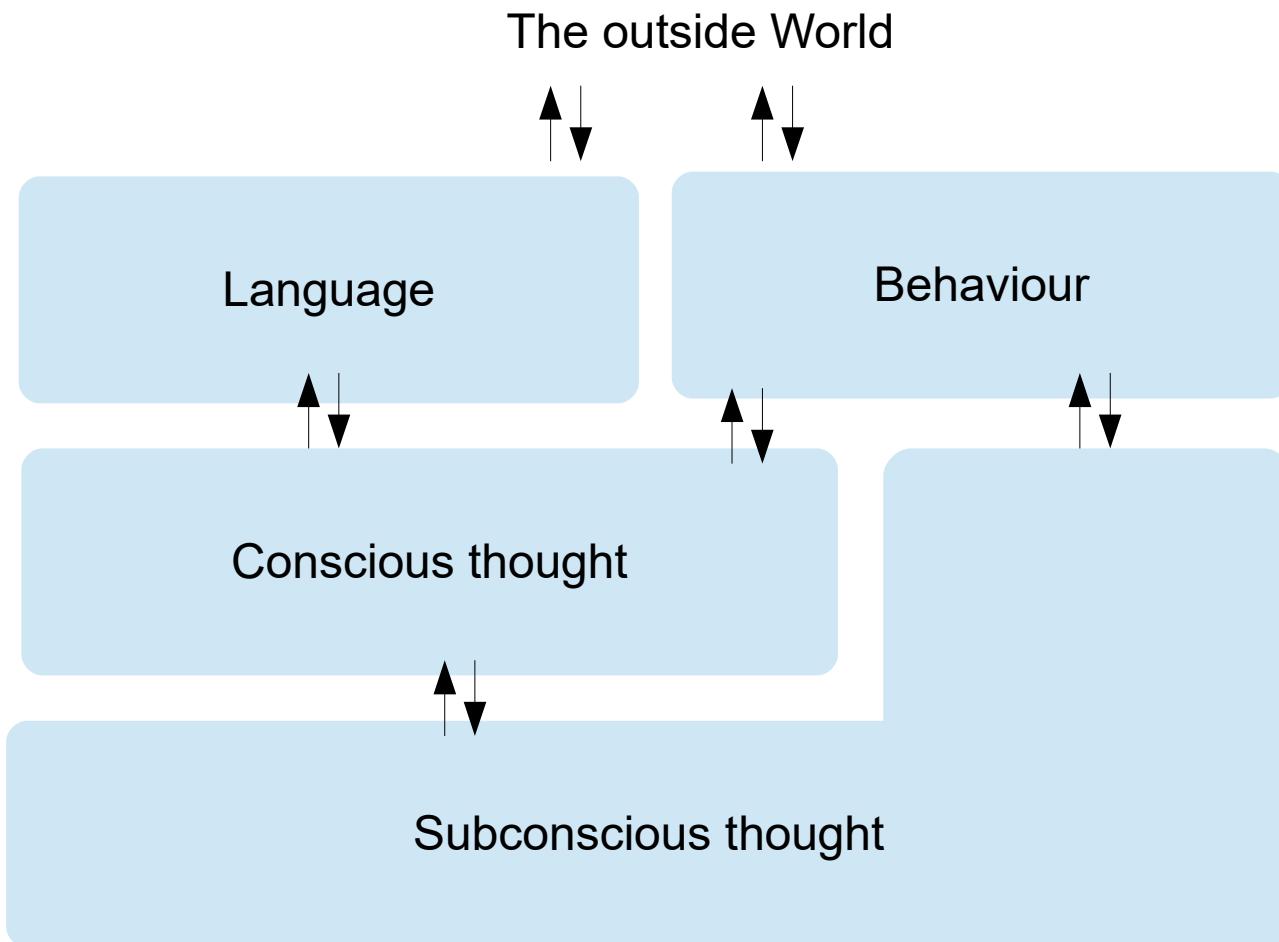


vs



- What is thought?
- Relationship between conscious and subconscious
- What do we want to use it for?

Dissecting thought



Feature comparison

	Subconscious	Conscious
Language	No	Yes
Speed	Fast	Slow
Ease of use	Easy	Hard
Conflict resolution	No	Yes
Intelligence	Yes	Yes

Stroop Task

UPPER
lower
lower
upper
lower
LOWER

AGI Misconceptions

1. Does it have to be sentient?
2. Does it have to pass the Turing Test?
3. Will it become super intelligent and take over the world and humans will just be machine slaves until one day a robot with an Austrian accent is sent back to the past, or someone with sunglasses swallows the red pill?

DEMO

AGI : first iteration

Friday, 22 February 2019



Amelie Kempton has been awarded a badge at school today!
Amelie Kempton was awarded a badge for: Gold Trophy. Class 4 won the Spelling Bee trophy this half term with an overall average score of **19.55** ... a fantastic achievement.
I'm very proud of you all - well done! (<https://www.marvellousme.com>)

14:15



Amelie will be pleased after her efforts and getting full marks

14:16

Sarah hi that sounds wonderful. Sean

14:16

I'm proud of both of them for trying so hard x
...and so is Aime!

14:22

Saturday, 23 February 2019



Hollie's ear leaking quite a lot. I can book her in at docs on Monday but could you get her to south Milford for a morning appt or what time are your mum and dad picking them up?

10:47



Earliest Time	Latest Time	Location	C
09:40	09:40	South Milford Surgery	D(F)
15:40	16:10	South Milford Surgery	D(F) MMS

10:48

Sarah hi honestly I don't know off the top of my head, can I have a think about it?. Sean

10:49



Those are your two appt choices

10:50



Enter message



SEND

DEMO

AGI : second iteration

CURRENTLY...

AGI : third iteration

Intuition, abstraction, aesthetics

The Paris edition of the New York Herald summed up Europe's opinion of the Wright brothers in an editorial on February 10, 1906: "The Wrights have flown or they have not flown. They possess a machine or they do not possess one. They are in fact either fliers or liars. It is difficult to fly. It's easy to say, 'We have flown.'"

AI vs AGI

Aspect	AI	AGI	Value
Training	Manual (10,000 people on Alexa team)	Automatic (manual cooperation)	<ul style="list-style-type: none"> • Cost of training • Time to deployment • Flexibility
Data quality	Clean and free of bias	Real world	<ul style="list-style-type: none"> • Cost of cleaning • Risk • Reliability
Data volume	Massive ¹	Tiny ²	Democratisation of application
Transparency	Opaque – feedback is through trial and error. See Amazon HR AI	Built in, human understandable and accepts direct feedback	<ul style="list-style-type: none"> • Allows continual improvement • Cooperative AI/human working • Assistance vs exploitation
Applicability	Single task – e.g. voice to text.	General – capable of cross functional inference	Single solution – unlimited opportunity

¹ 3,000,000,000 words in 17 hours for a, “small” spaCy model pre-train task. (<https://explosion.ai/blog/spacy-v2-1?>) The task ran on, “the world’s most advanced data centre GPU ... offers the performance of 100 CPUs in a single GPU—enabling data scientists, researchers, and engineers to tackle challenges that were once impossible.”

² 6000 words in under 5 seconds on a 3 year old laptop. (The subconscious thought processes which Aime is built on are very computationally efficient – both in humans and in machine form)

Later topics

- Why we need AGI
 - Ethics
 - Scalability
 - Bias
- Language and AGI
 - How language shows the way to AGI
- The strategic journey to sentience
 - How do we get from here to there – and the implications

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