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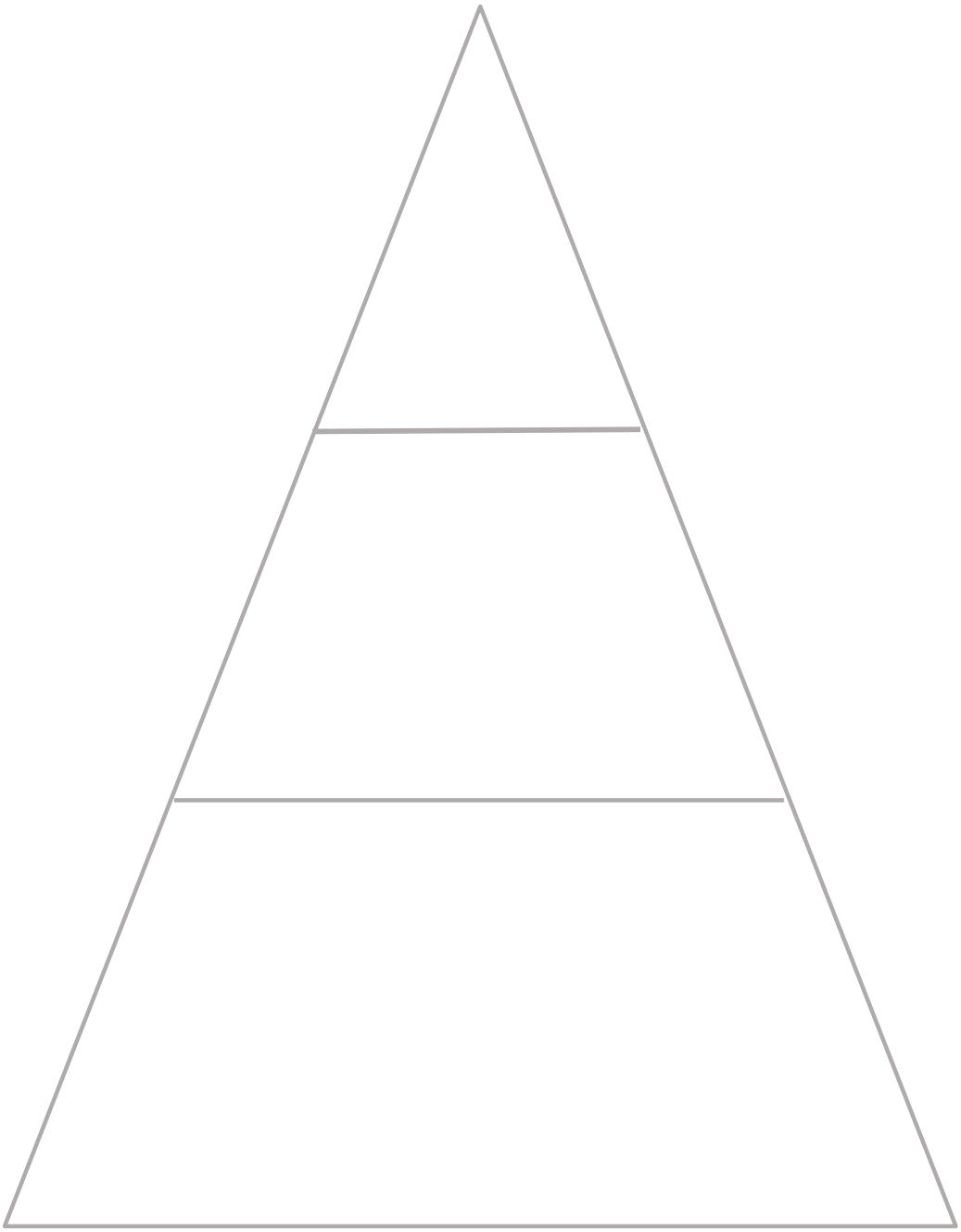
STUDY SENSEI

GUIDE TO SUCCESS **WORKBOOK**



To achieve your best you need

to be doing all 3 steps.

Rule 1

USE YOUR SYLLABUS / STUDY DESIGN

Rule 2

TAKE NOTES DURING TERM

Rule 3

USE CORNELL NOTES

Most people need to reduce the number of words they use in their notes by ( ) %

Note-Taking Exercise:

Key Words

Key word notes allow us to condense a large body of information into a few key phrases or words. In doing so, we reduce how much we write down and increase how much we can remember. See an example below comparing two sets of notes:

Which notes are easier to memorise?

Risks of AI

It is not all good news, though. A significant number of experts in AI, such as Nobel Prize winner Geoffrey Hinton, warn of a far scarier future. How do we ensure that AI systems smarter than we are can be kept under our control? Even today, there are multiple instances of AI models trying to deceive us and acting to preserve their own interests (threatening blackmail or worse). Unfortunately, even AI scientists don't really understand how AI works - they can grow AI models by feeding them data, but we cannot read AI minds or determine their goals.

Regular notes: 98 words

Risks of AI

- Experts warnings - Geoffrey Hinton
- Scary future
- Control? Smarter than us
- AI models - deceptive + self-interest
- Scientists: can grow AI, can't read minds or know goals

Trigger word notes: 27 words

Get more advice on note structure and memory on the Student Portal at austudent.elevateeducation.com

Rule 1

USE VISUAL TOOLS

Rule 2

PRACTICE QUESTIONS

Mind-Mapping Exercise:

Creating is crucial in order to

Rule 1

INDEPENDENT WORK

1.
2.
3.
4. Look for:
   -
   -
   -
5.

AI has captivated our minds for decades, from Alan Turing's famous Turing Test, to the killer robot that Arnold Schwarzenegger brought to life in The Terminator. However, AI has only become part of our everyday lives since late 2022 with the release of ChatGPT by OpenAI. The prevalence of AI tools has since exploded, driven by the large language model revolution. With such rapid changes, it is challenging to know what will come next; indeed, is AI powerful enough to be our final invention?

Benefits of AI

For many people, the potential afforded by AI systems is - quite literally - astronomical. Technology enthusiasts, with Silicon Valley's engineers and entrepreneurs at their heart, are hopeful that the creation of truly superhuman AI (artificial superintelligence) offers a unique opportunity for good. Imagine a world where AI models can:

- Accelerate research into devastating diseases
- Make education cheap and accessible everywhere
- Eradicate poverty

Already, AI is used in producing the code that our technology runs on, and an AI named AlphaFold has helped develop new drugs by solving previously intractable protein folding problems. The welfare of humanity could be higher than at any point in history thanks to legions of AI minds.

Risks of AI

It is not all good news, though. A significant number of experts in AI, such as Nobel Prize winner Geoffrey Hinton, warn of a far scarier future. How do we ensure that AI systems smarter than we are can be kept under our control? Even today, there are multiple instances of AI models trying to deceive us and acting to preserve their own interests (threatening blackmail or worse). Unfortunately, even AI scientists don't really understand how AI works - they can grow AI models by feeding them data, but we cannot read AI minds or determine their goals. Should we not be concerned, argue these experts, that companies are actively racing to create beings we do not understand, which are smarter than we are? When a human decides to build a house, we rarely pay attention to the thousands of insects who are crushed in the process. Would a superintelligence with mysterious goals care about us or would we be like the ants?

The Future of AI

Today, we mainly deal with chatbots like ChatGPT. Soon, we will be dealing with AI agents - models that can do complicated and longer tasks all by themselves, while research continues into advancing AI capabilities and we begin grappling with concerns about AI safety. Who knows how fast AIs will improve? Once an AI can start to improve itself, perhaps we will get incredibly rapid transformations - and an intelligence explosion. Could that be our final invention, for better or for worse?