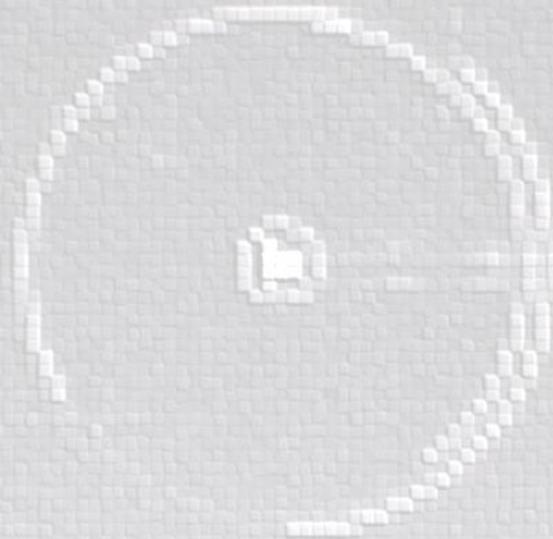


WHAT IS ON YOUR MIND

**MIND AI**

WHAT IS ON YOUR MIND



**Artificial Intelligence**  
is the fundamental and  
most pervasive emerging  
technology of the  
**4<sup>th</sup> Industrial  
Revolution**

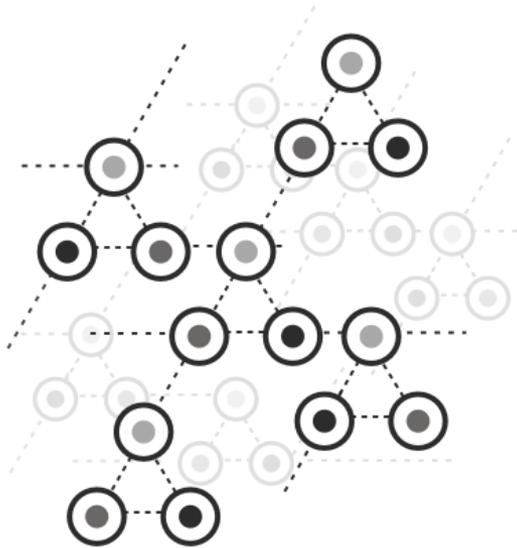
AI is becoming the  
**Electricity**

( World Economic Forum )



**MIND AI**

## LEADING THE **THIRD WAVE OF AI**

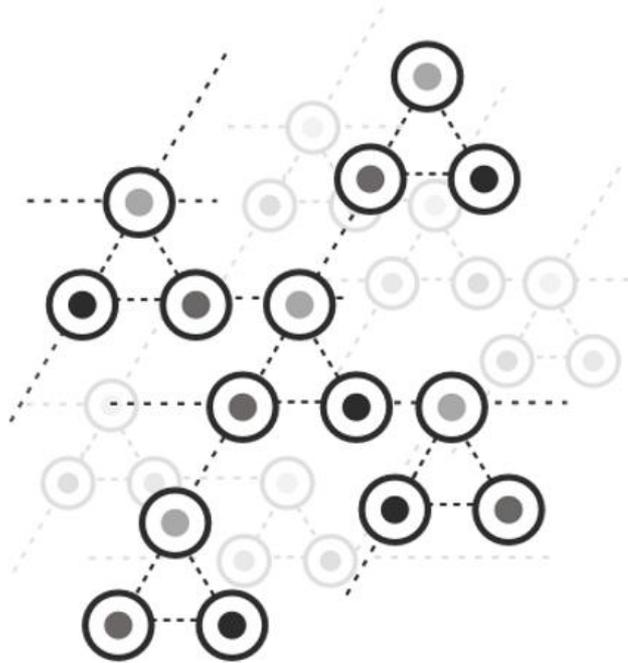


Mind AI offers an entirely new approach to AI. Rather than building an architecture that requires parallel processing, supercomputers, and large amounts of data, we built its **core reasoning engine** based on an internationally patented, completely new data structure that we call a **canonical**.

Introducing MIND AI

<https://youtu.be/pWEDg2PRoM4>

# THE THIRD WAVE OF AI

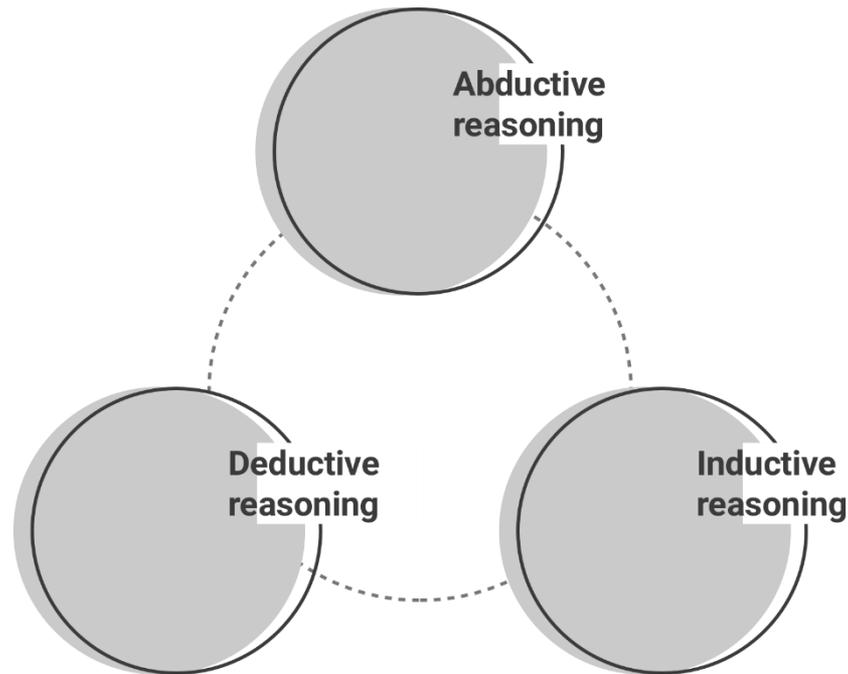


- ❑ **Contextual Adaptation**
- ❑ Systems construct contextual explanatory models for classes of real world phenomena.
- ❑ Transparency. Models to explain decisions and output.
- ❑ Contextual capability and reasoning ability.
- ❑ Real time, interactive learning.
- ❑ Self-directed learning.

# WHAT IS REASONING?

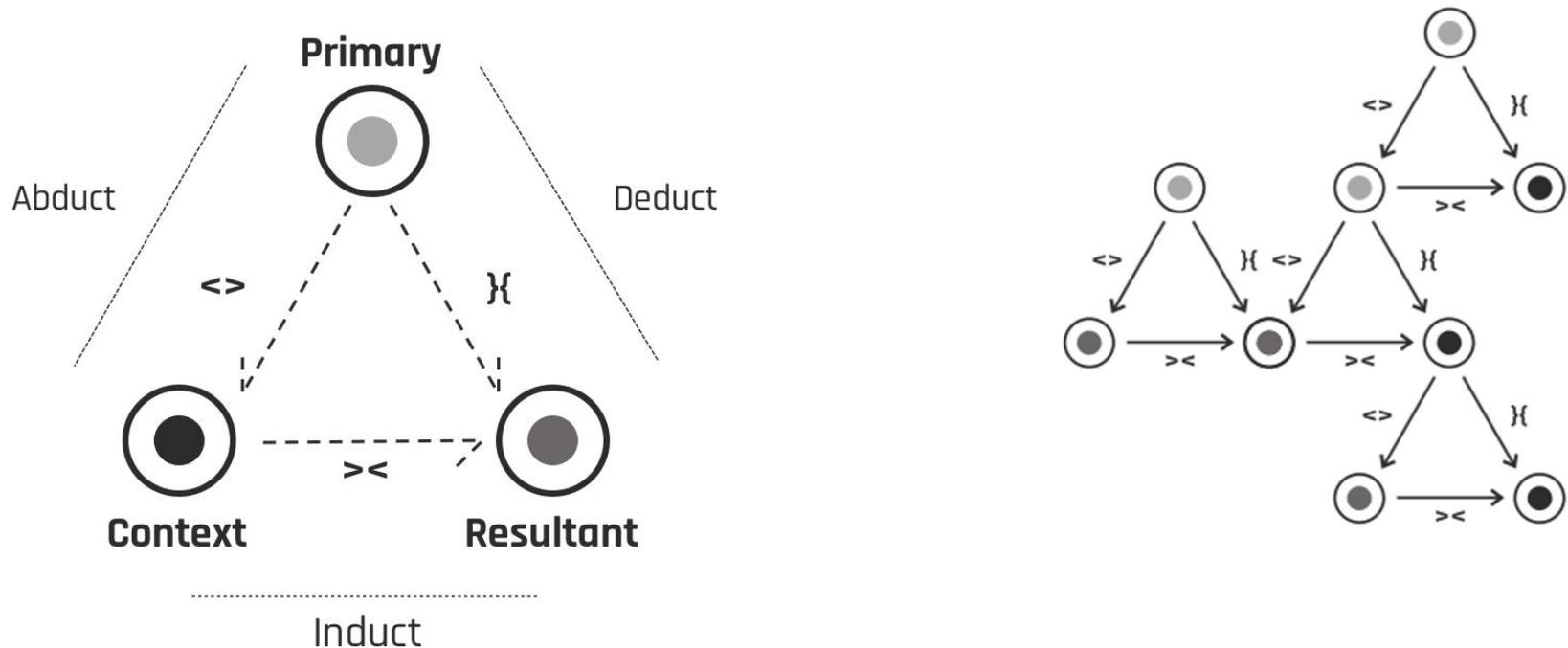
**Reason** is the capacity for consciously making sense of things, applying logic, establishing and verifying facts, and changing or justifying practices, institutions, and beliefs based on new or existing information.

**Reasoning** is associated with **thinking, cognition, and intellect.**

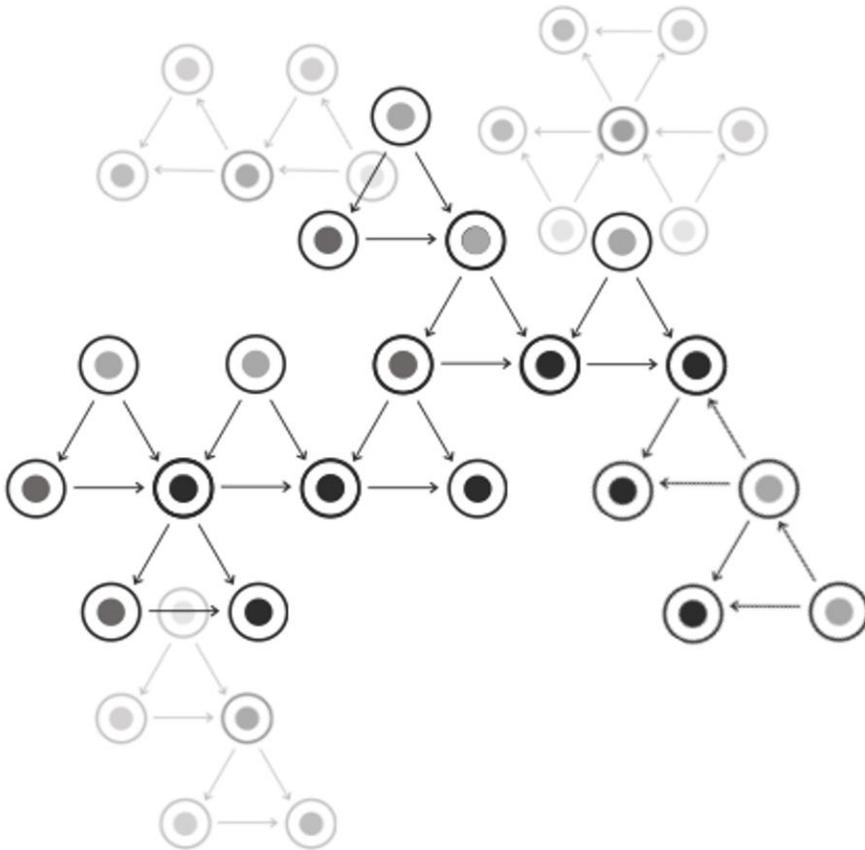


# “UNIT” OF REASONING

Our natural language reasoning AI engine is formed through **Canonicals**. This closure is the core algorithm that allows unstructured data such as natural language to be logically understood and processed to provide reasoning to a given problem.

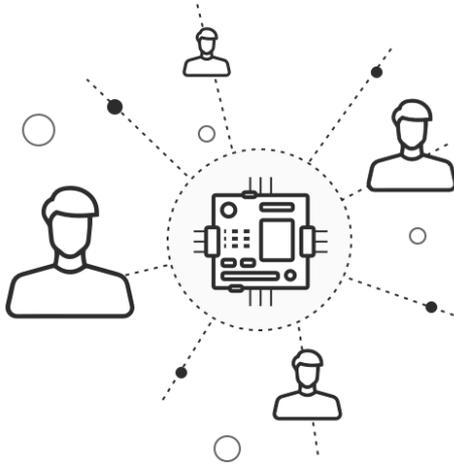


# DIFFERENTIATION

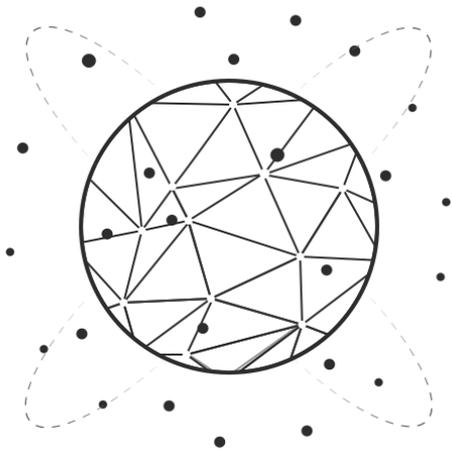


- ❑ **New Symbolic Paradigm**
- ❑ **Natural Language Reasoning**
- ❑ **Augmented Topological Network**
- ❑ **Linear, qualitative** reasoning process
- ❑ **Human understandable** logic
- ❑ **Don't** need tons of data and can run on a regular laptop
- ❑ **Transparency** of operation
- ❑ **Any language**
- ❑ **Universal**

## OPEN AND DECENTRALIZED



We plan to **open-source** the Mind engine so that it will be readily accessible to the global development community.



Our mission is to return the power of AI to the people and **democratize** this tool that can help humanity solve the most pressing issues.

Global cross-border payments across are still extremely slow, expensive, and complicated. **A tokenized economy allows a fast, inexpensive, and transparent reward system** for every agent. This is critical for an ecosystem that thrives on a large-scale global participation.

Global Reward System

Immutability

“Good” and “Bad” ontologies are important because **Mind AI constantly learns through contextualization**. Mind AI needs the history of ontologies to learn, as part of its knowledge. Immutability allows this history to remain untouched, and unaltered.

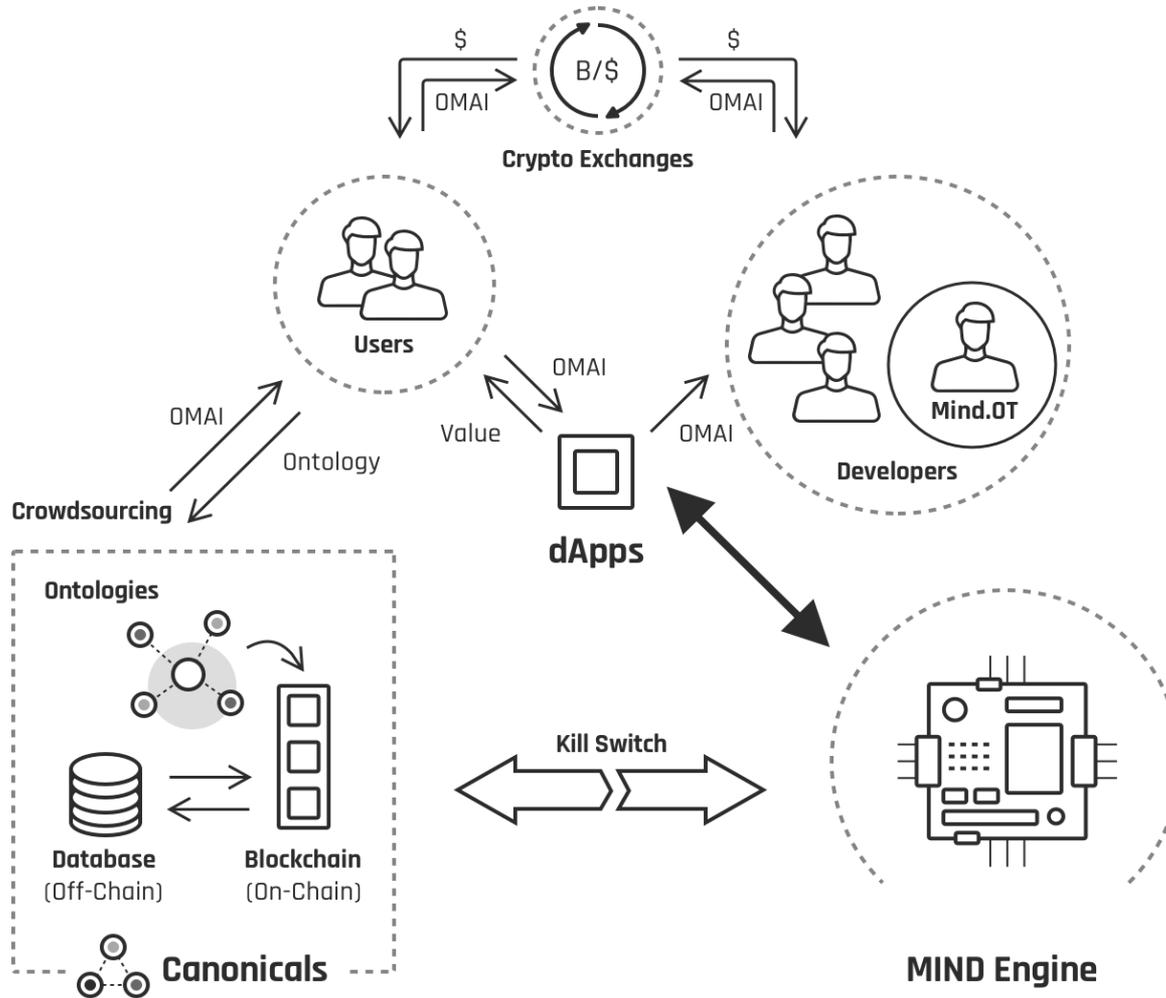
N

**NECESSITY OF BLOCKCHAIN  
MIND AI Ecosystem**

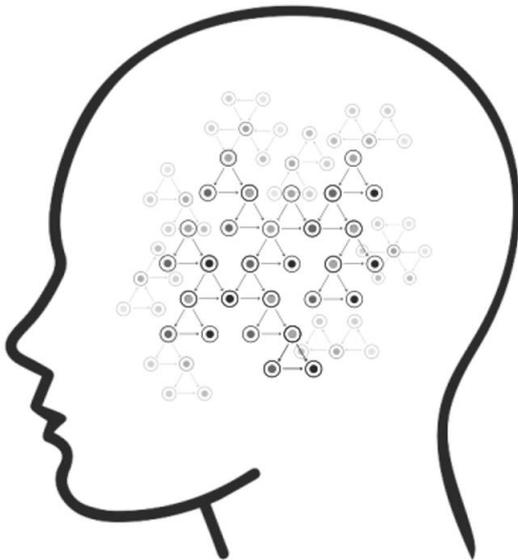
### **Transparency and Democracy**

A transparent system is important to the Mind AI ecosystem. First is for **reward distribution**. A smart contract-based reward distribution system will be transparent. Second is for **community voting on Ethical Upper Ontologies**, the priority of ontological bounties, or triggering the kill switch, the entire voting system must be transparent to show that the democratic system is not being played for one party's advantage.

# MIND AI ECOSYSTEM



# LEARNING TO LEARN AND METATHEORETICS



There will be two significant inflection points as Mind accumulates ontologies, both domain specific and universal.

- 1. Critical Mass** - When Mind reaches Critical Mass, it will be able to go out and accumulate knowledge on its own.
- 2. Metatheoretics** - This is when Mind will be able to create its own original theories, essentially coming up with its own hypotheses and experiments in any domain. This will allow humanity to utilize the power of Mind to pursue a new level of prosperity.

# FUTURE AND BEYOND



**Drug discovery**



**Shopping assistant**



**Virtual mentors  
/teachers**



**Automated coding**



**Asset management**



**Diagnosis, new  
treatment paradigms**



**Personal secretary**



**And more**

# TOMORROW

1. **Organization Mgmt** – Organization or Community participate to MIND AI ecosystem
  2. **User Mgmt** - User (developer, ontologist) participate to MIND AI ecosystem
  3. **Ontology Mgmt** – User creates ontology elements
  4. **Corpus Mgmt** – Developer build platforms/applications. Corpus or document is the raw (text) data that they want to reason with
  5. **Reasoning** – MIND AI responds to queries
- The **Global AGI Education Project**

# WHAT IS ON YOUR MIND

The AI products that will be most popular in the next 20 years,  
Those that we will all use, have not yet been invented

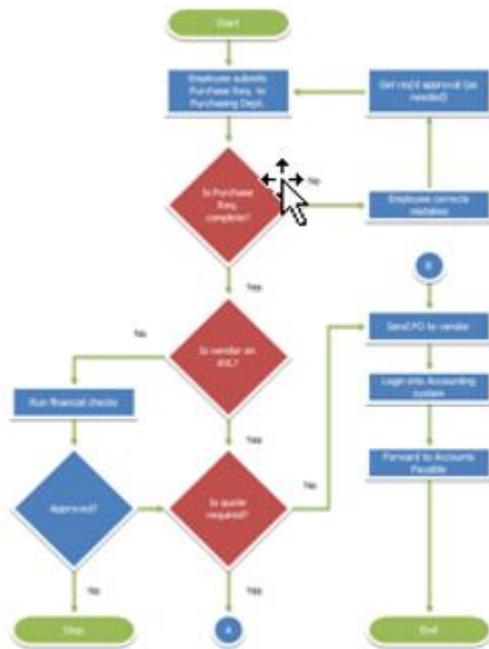


This means that we are **NOT LATE !**  
( Kevin Kelly )

# MIND AI

# THE FIRST WAVE OF AI

## Traditional Programming

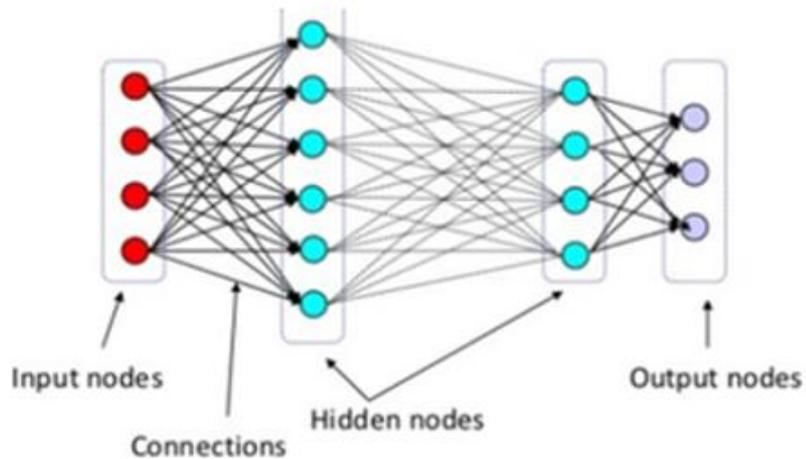


## ❑ Handcrafted Knowledge

- ❑ Engineers create sets of rules to represent knowledge in well-defined domains.
- ❑ The structure of the knowledge is defined by humans and the specifics are explored by the machine.
- ❑ No learning capability and poor handling of Uncertainty.
- ❑ Windows operating system, our smartphone apps, and even the traffic lights.

# THE SECOND WAVE OF AI

Neural Nets – Deep Learning



- ❑ Statistical Learning
- ❑ Engineers create statistical models for specific problem domains and train them on big data.
- ❑ Nuanced classification and prediction capabilities.
- ❑ No contextual capability and minimal reasoning ability.
- ❑ Statistically impressive, but individually unreliable.
- ❑ Skewed training data creates maladaptation. eg. Tay