

Science & Technology

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Topic Map

1) Intelligence

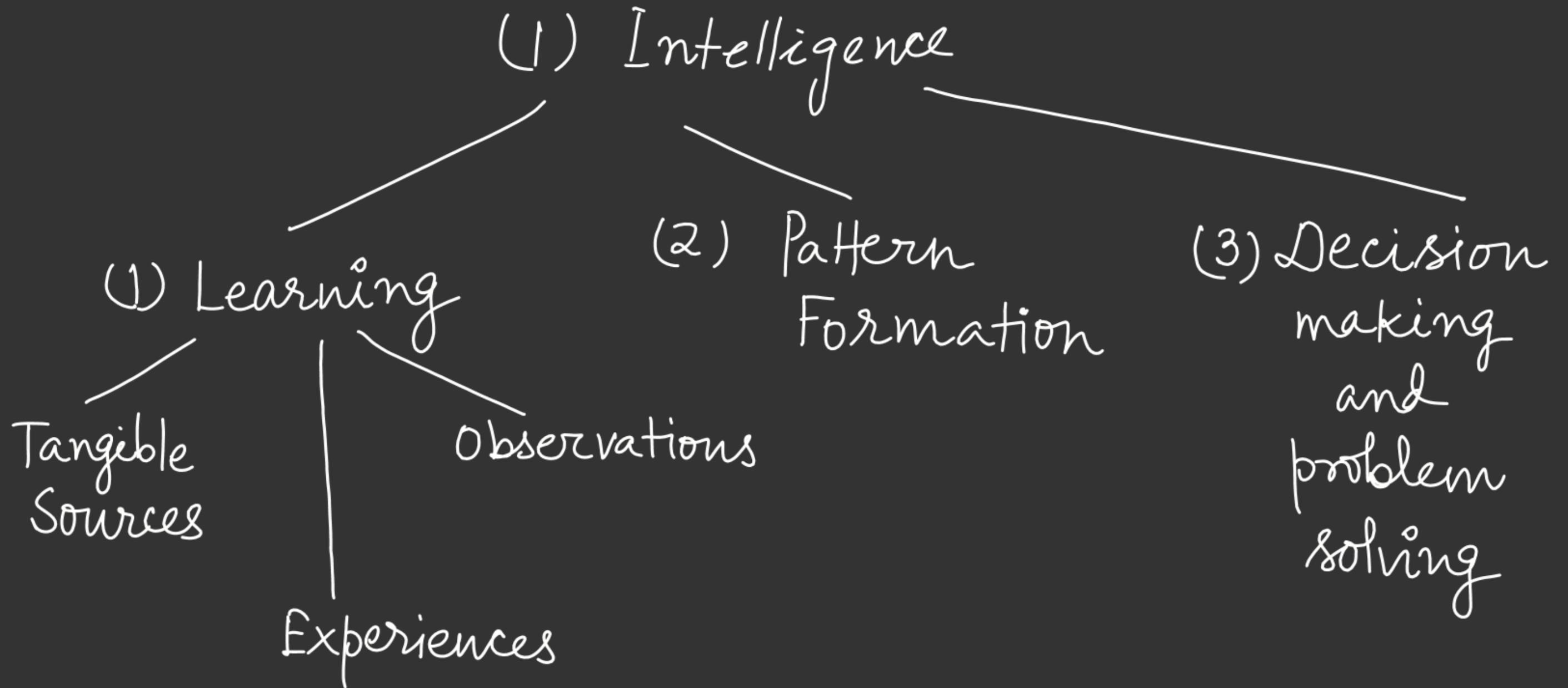
2) A.I.

3) Types of A.I.

4) Enabling Technologies

5) Application Areas

6) Concerns



(d) better problem solving &
decision making

↓
Efficacy

Correct decision
making

↓
Efficiency

faster decision
making

(2) A.I.

Capability of
man-made
machines
to:

- Learn
- Form patterns
- Make decisions & Solve Problems



Human
Being

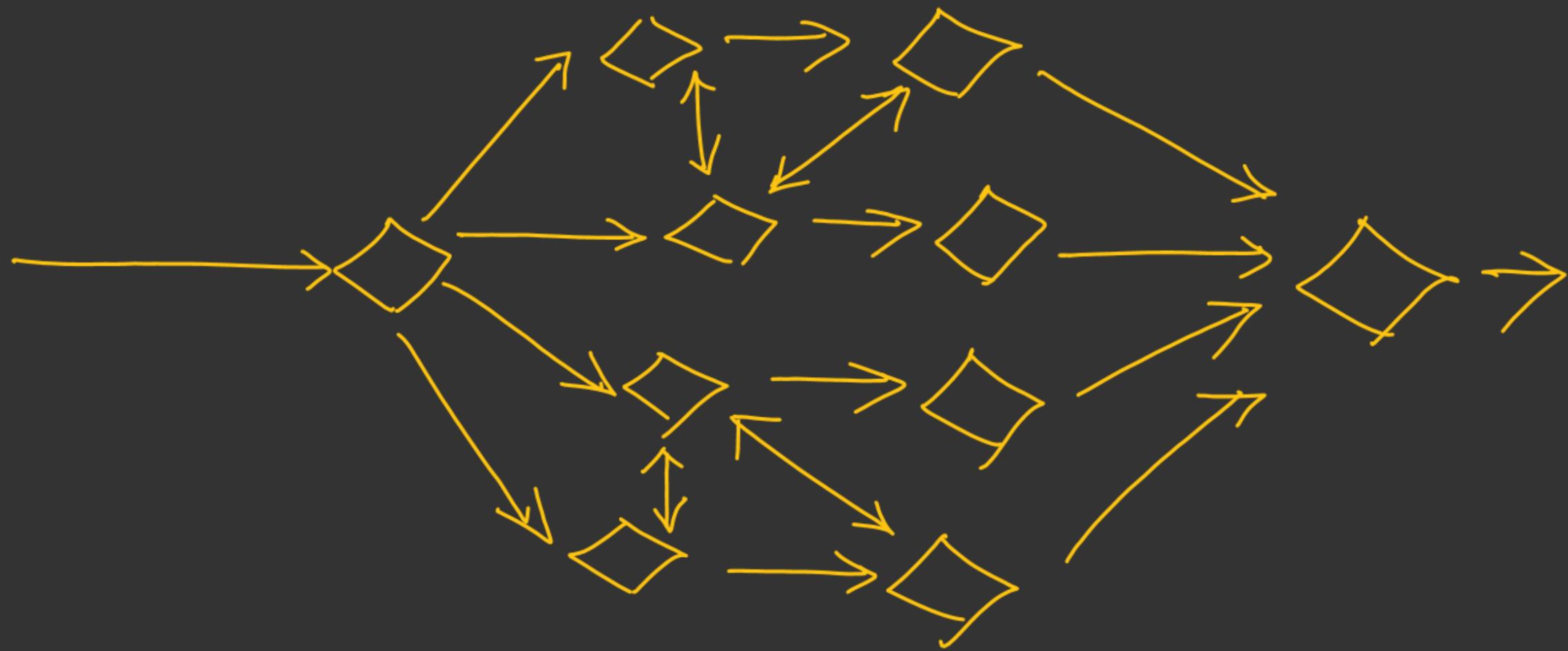
- (1) Single purpose A.I.
- (2) Limited Memory A.I.
- (3) Theory of Mind A.I.
- (4) Expert systems
- (5) Self-aware A.I.

(from 1-4)

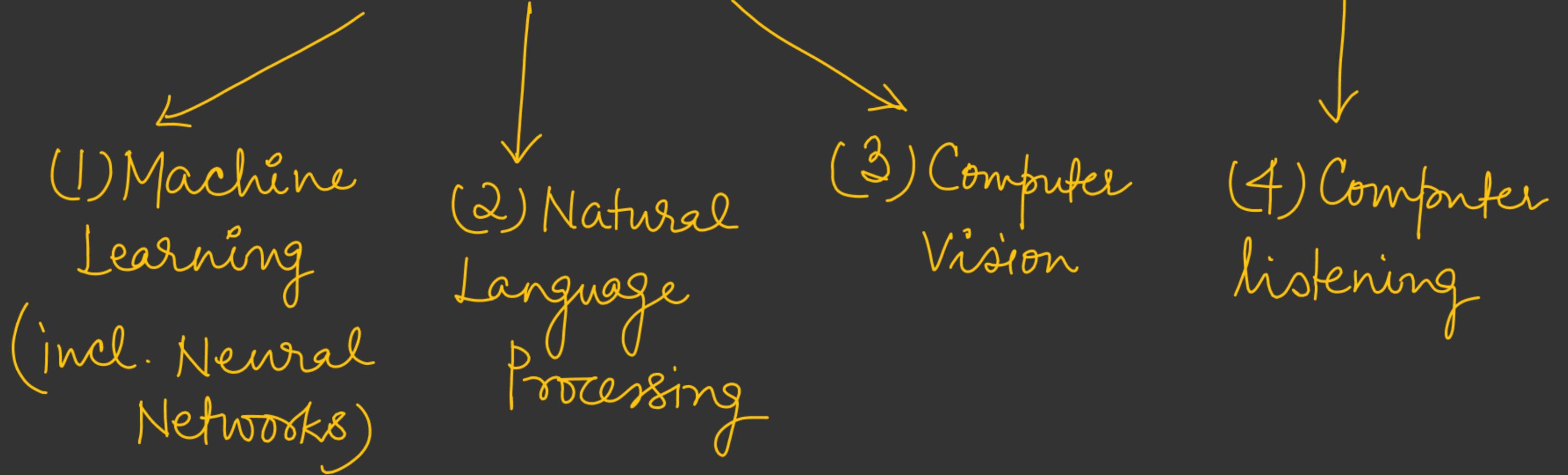
(self aware AI
+ an AI that
can keep learning
from new data
on its own)

of domination
& self-
preservⁿ
(Theoretical
Concept)

(Under development
+ Controversial)



4. Enabling Technologies



P.1. ML

Training of computer systems on data sets and such algorithm that allows it to solve problems for which it has not been specifically programmed.

Neural Network

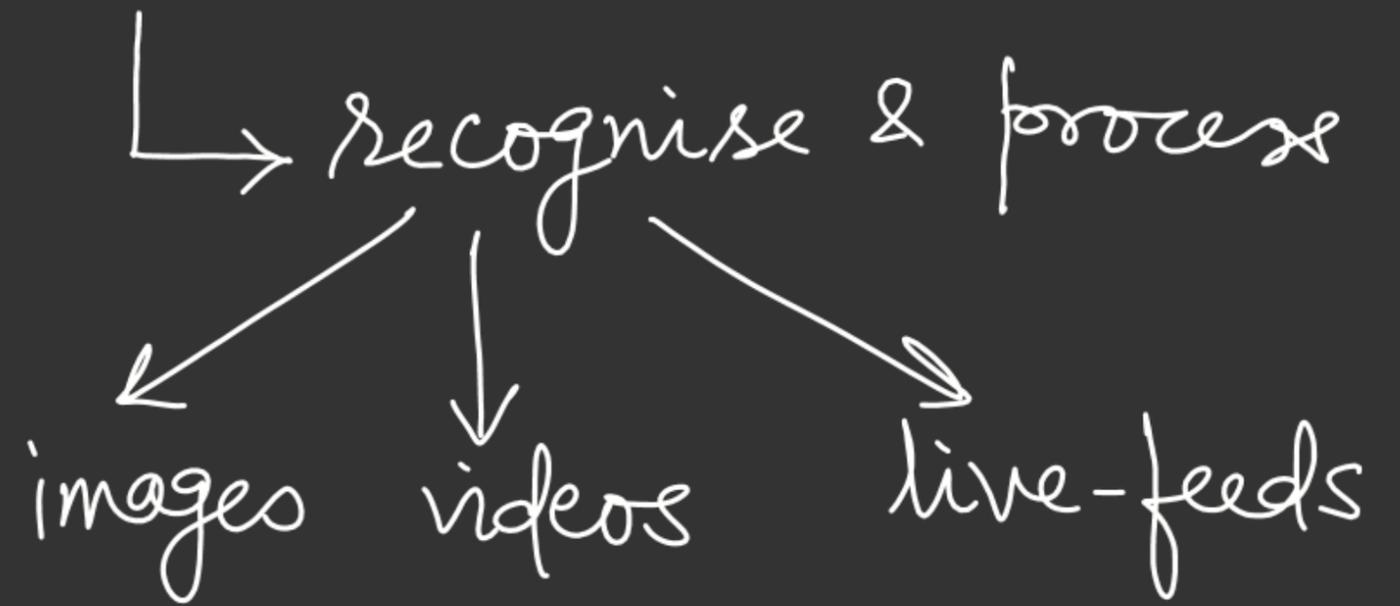
→ a data processing & problem solving system inspired by human brain (made up of & work with Neurons & their networks)

++ c.n.

4.2. NLP

↳ Collecting data from various forms of human expression

system to



4.4. Audio Command / Speech Recognition

⇒ user input / information
through Voice Commands

or
Computer
Listening

5. Applications (Notes)

6. Limitations (Notes)

