

ARTIFICIAL INTELLIGENCE





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$$2+2=6$$

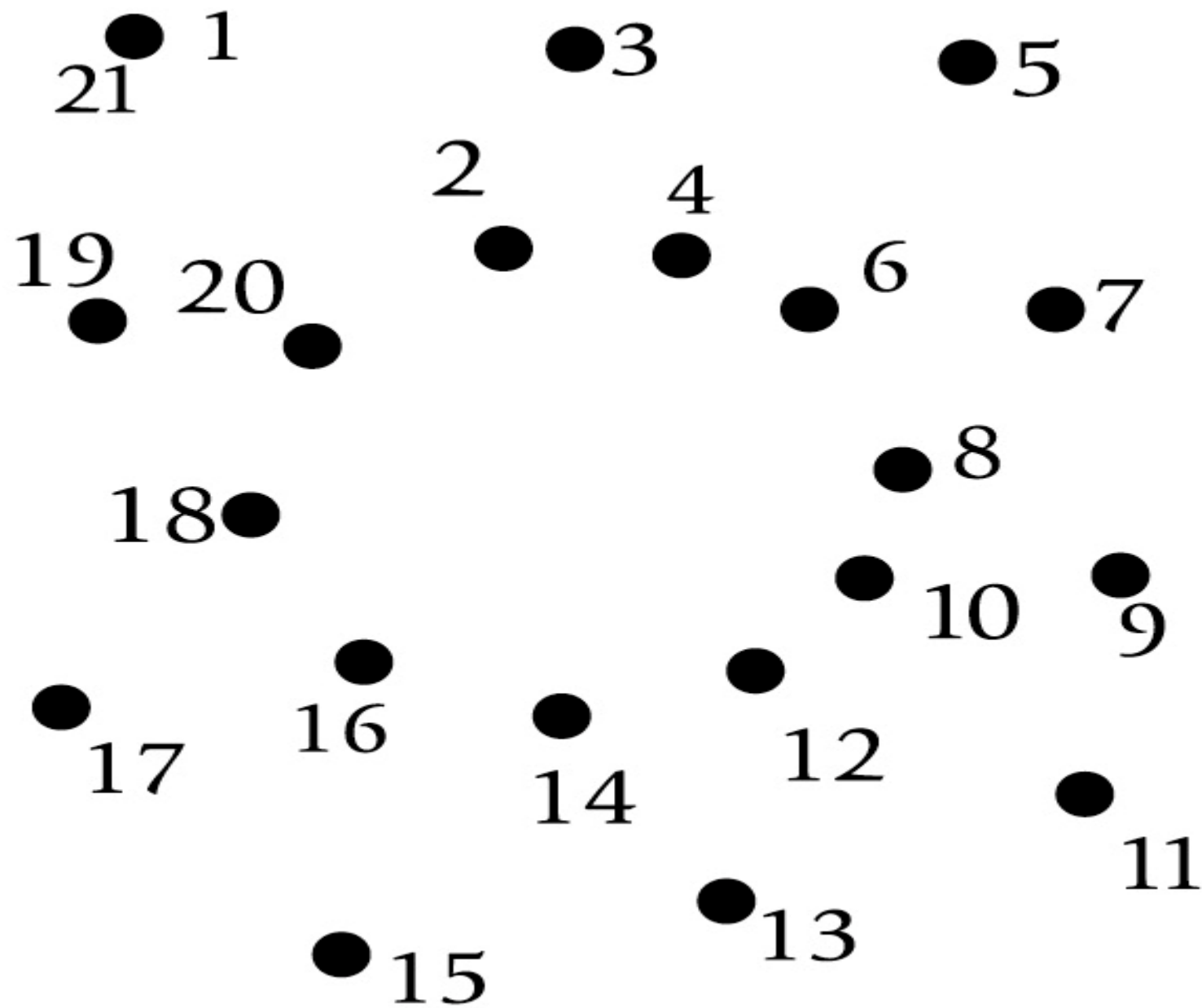
$$3+3=11$$

$$4+4=18$$

$$6+6=??$$

2	5	6	28
4	9	9	77
3	7	6	?

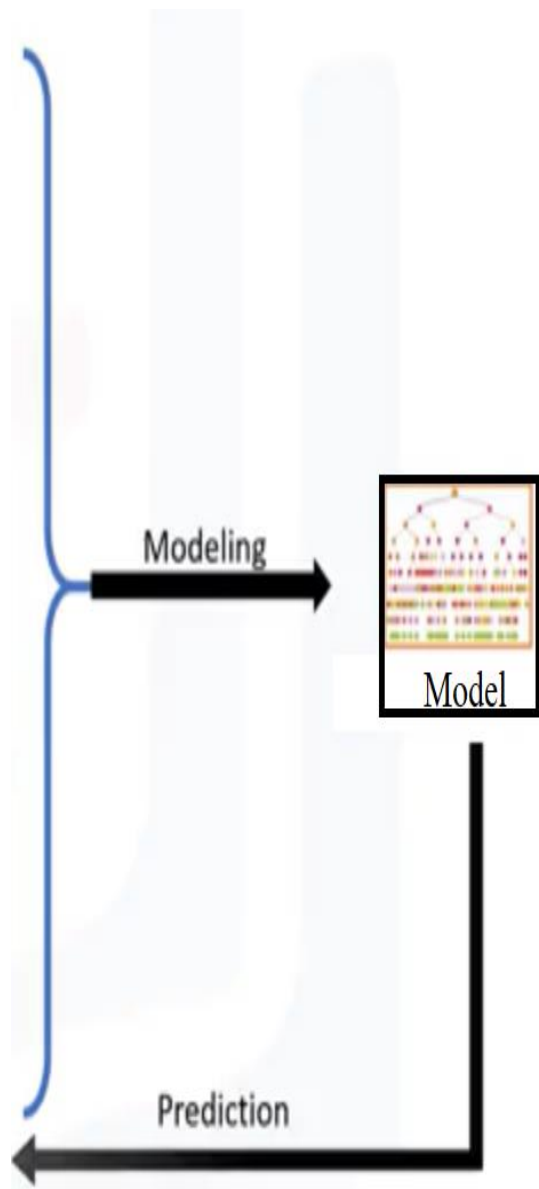
Relation and pattern extraction



Patient ID	Age	Sex	BP	Cholesterol	Drug
p1	Young	F	High	Normal	Drug A
p2	Young	F	High	High	Drug A
p3	Middle-age	F	Hiigh	Normal	Drug B
p4	Senior	F	Normal	Normal	Drug B
p5	Senior	M	Low	Normal	Drug B
p6	Senior	M	Low	High	Drug A
p7	Middle-age	M	Low	High	Drug B
p8	Young	F	Normal	Normal	Drug A
p9	Young	M	Low	Normal	Drug B
p10	Senior	M	Normal	Normal	Drug B
p11	Young	M	Normal	High	Drug B
p12	Middle-age	F	Normal	High	Drug B
p13	Middle-age	M	High	Normal	Drug B
p14	Senior	F	Normal	High	Drug A

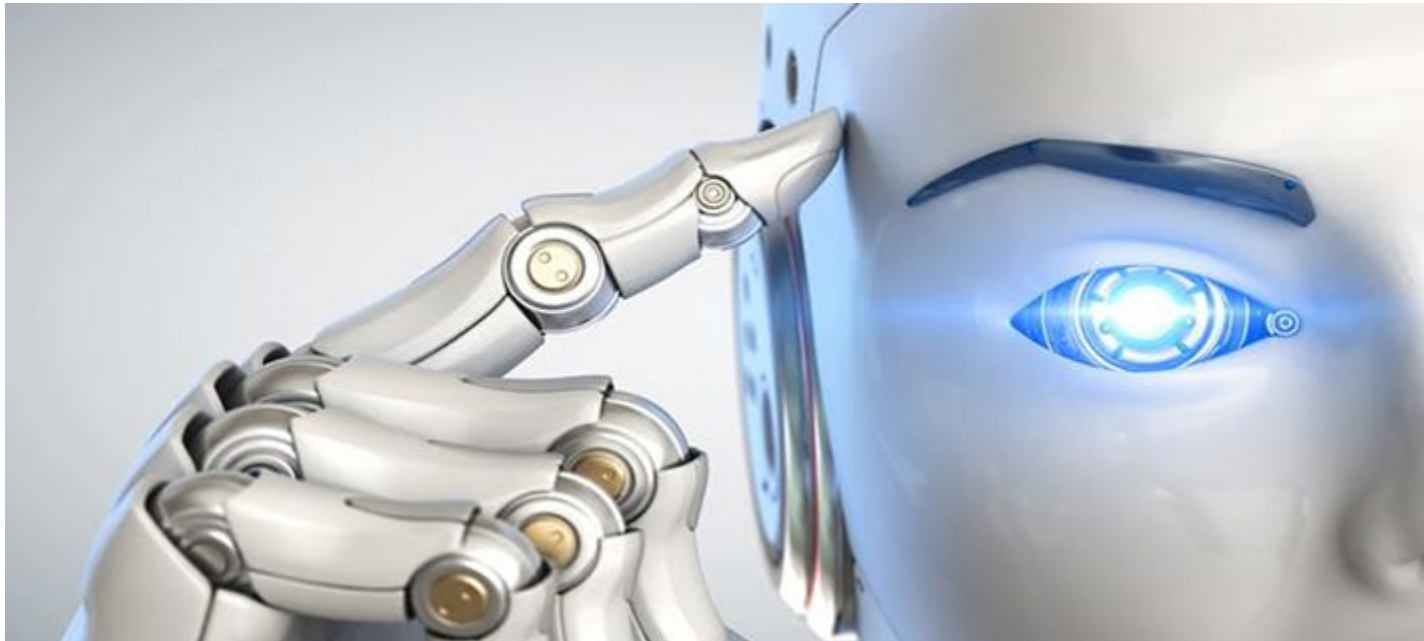
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p7	Middle-age	M	Low	High	Drug B
p8	Young	F	Normal	Normal	Drug A
p9	Young	M	Low	Normal	Drug B
p10	Senior	M	Normal	Normal	Drug B
p11	Young	M	Normal	High	Drug B
p12	Middle-age	F	Normal	High	Drug B
p13	Middle-age	M	High	Normal	Drug B
p14	Senior	F	Normal	High	Drug A
p15	Middle-age	F	Low	Normal	?

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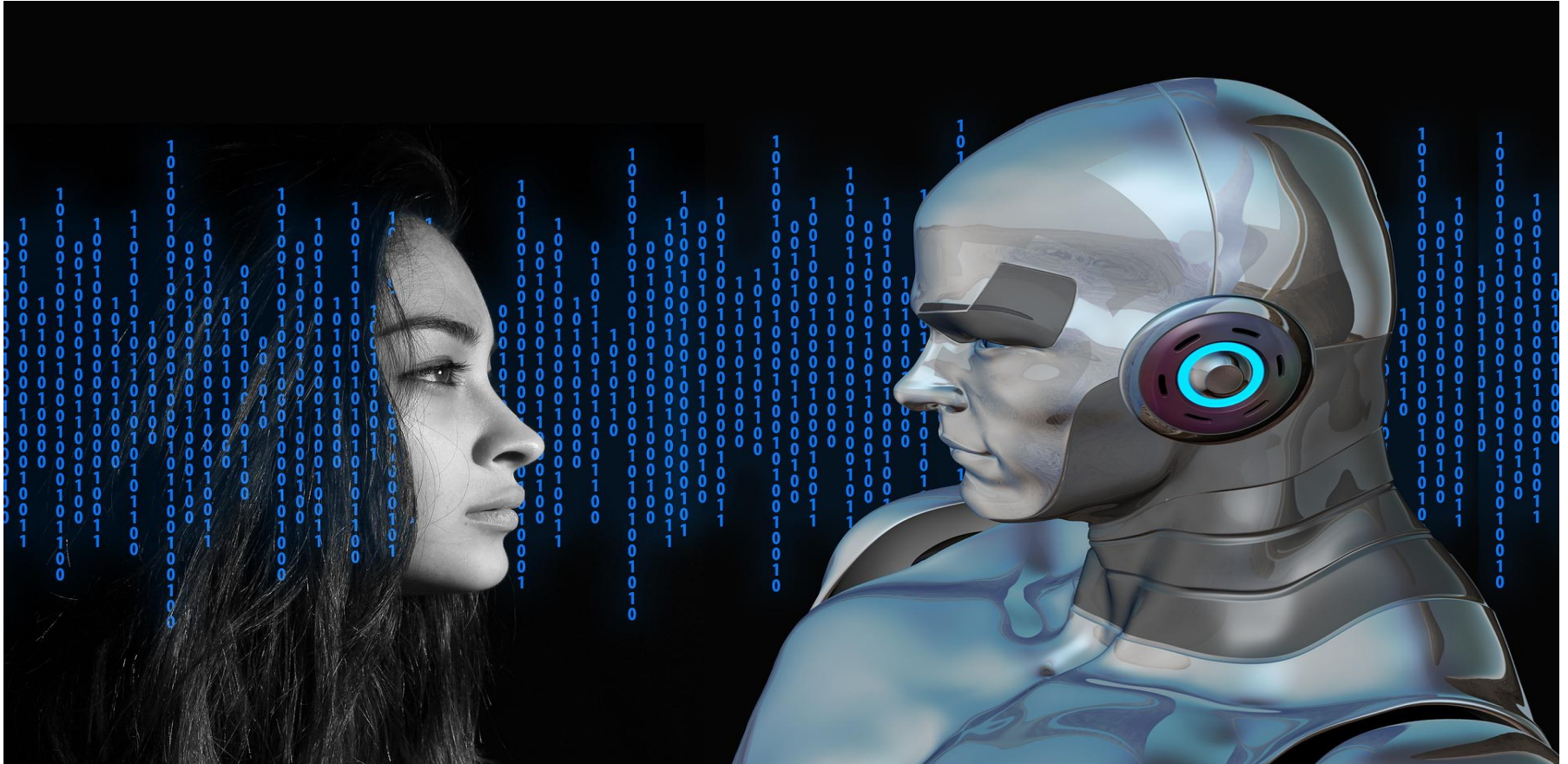


Intelligence ??

The machine can make its own decisions ,according to the situation



System or Machine that can emulate the thoughts of human beings ,identify their speech and interact with them.



Intelligence is composed of

- Reasoning
- Learning
- Problem Solving
- Linguistic Intelligence

Intelligence

Intelligence is the ability to acquire and apply the knowledge.

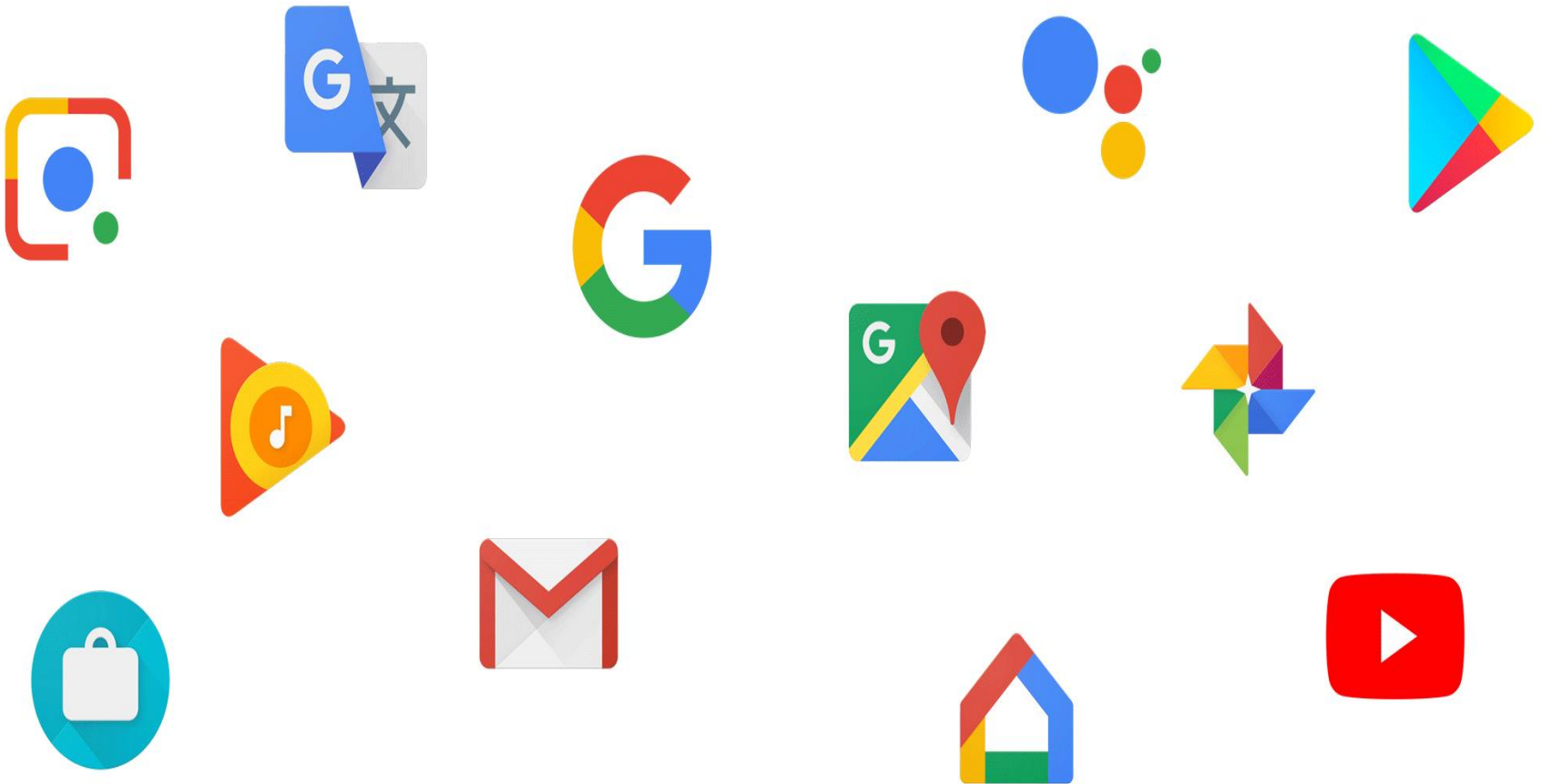
Knowledge

Knowledge is the information acquired through experience

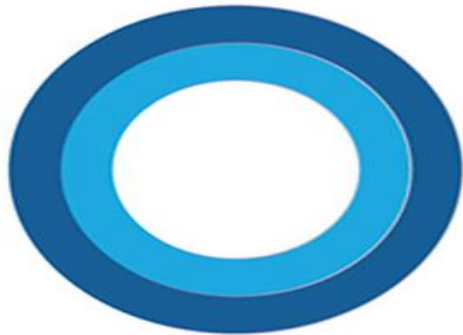
Experience

Experience is the knowledge gained through exposure(training)

Artificial Intelligence: Using in Daily Life

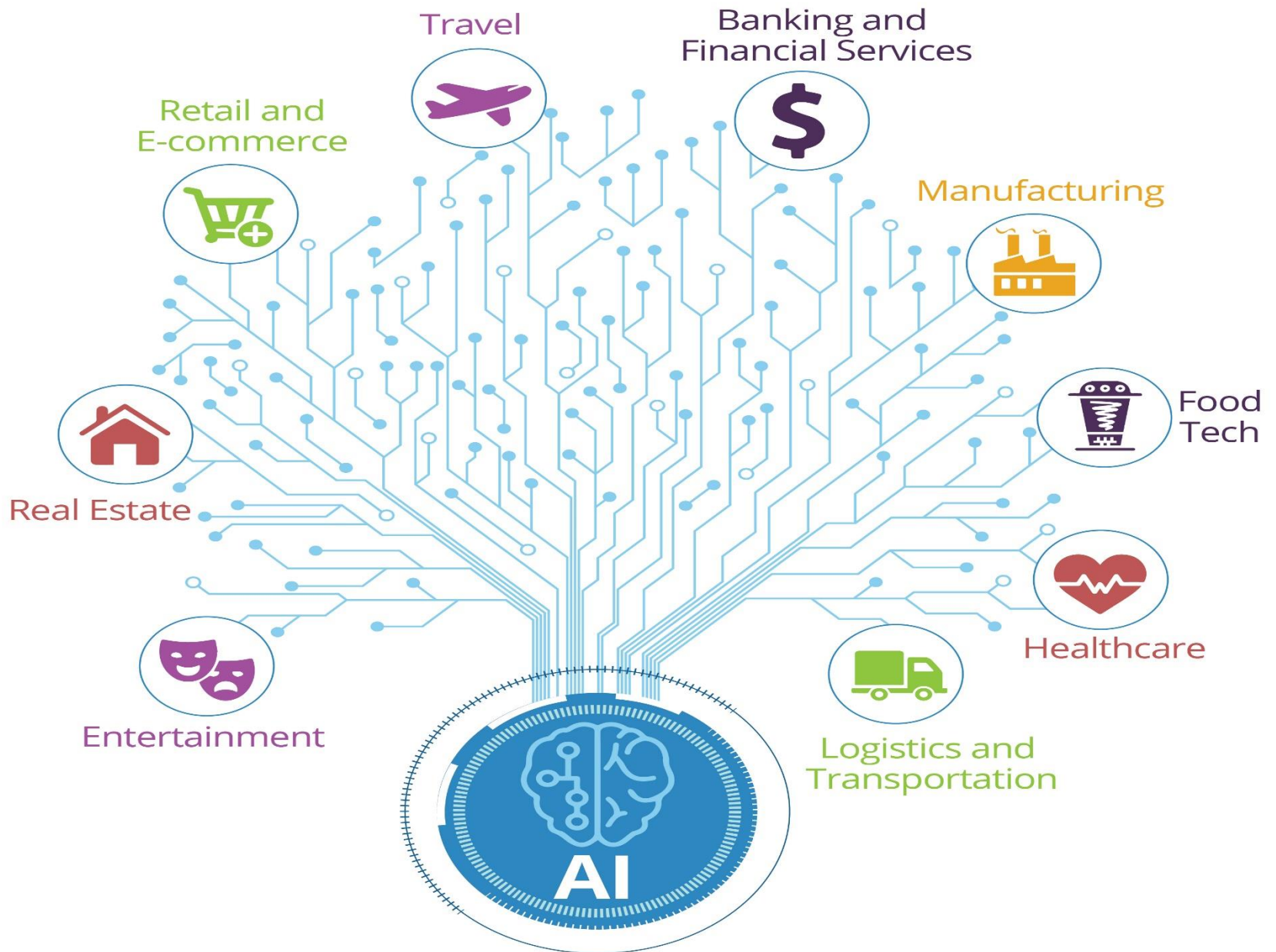


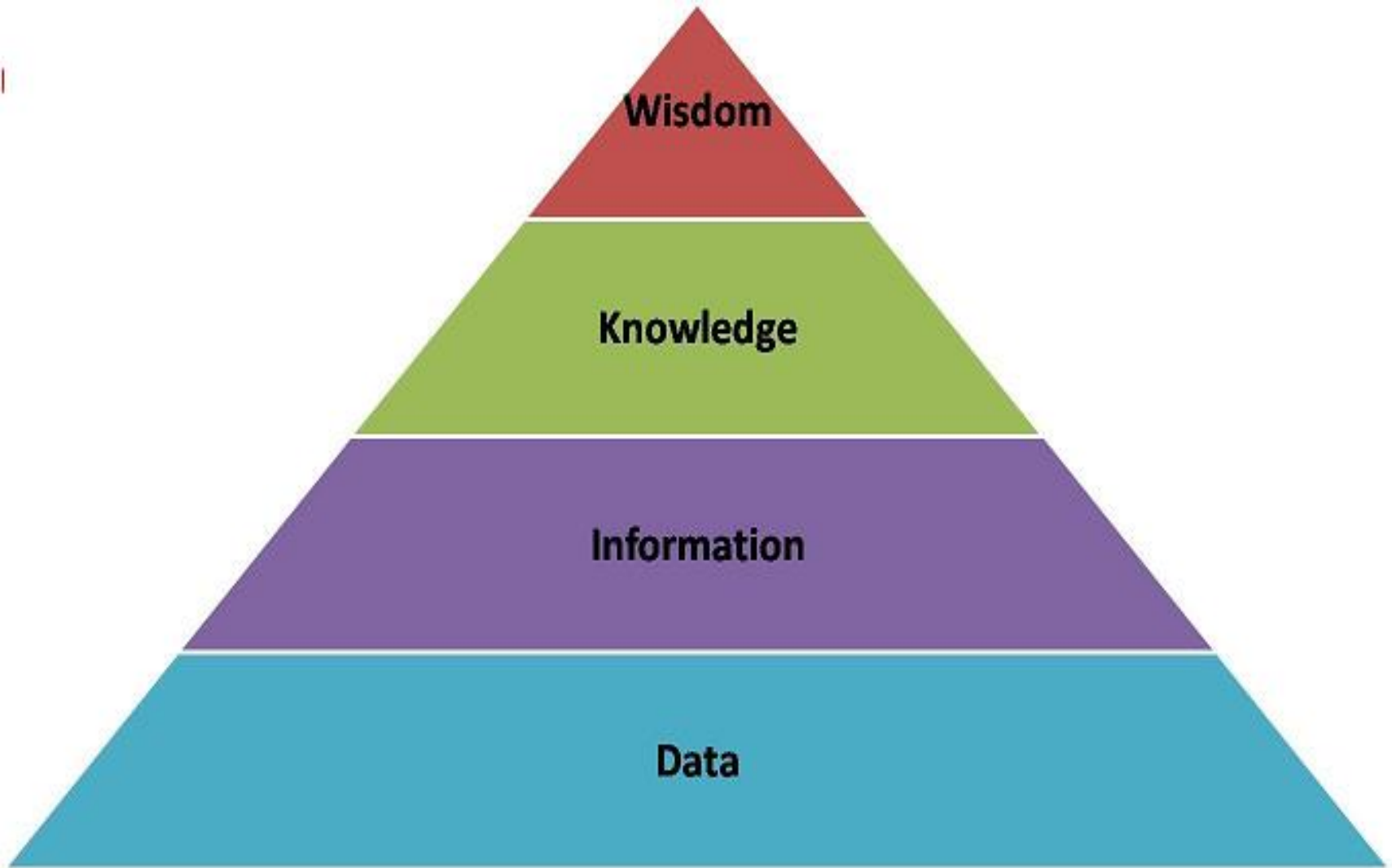
Artificial Intelligence: Using in Daily Life



Hey Cortana

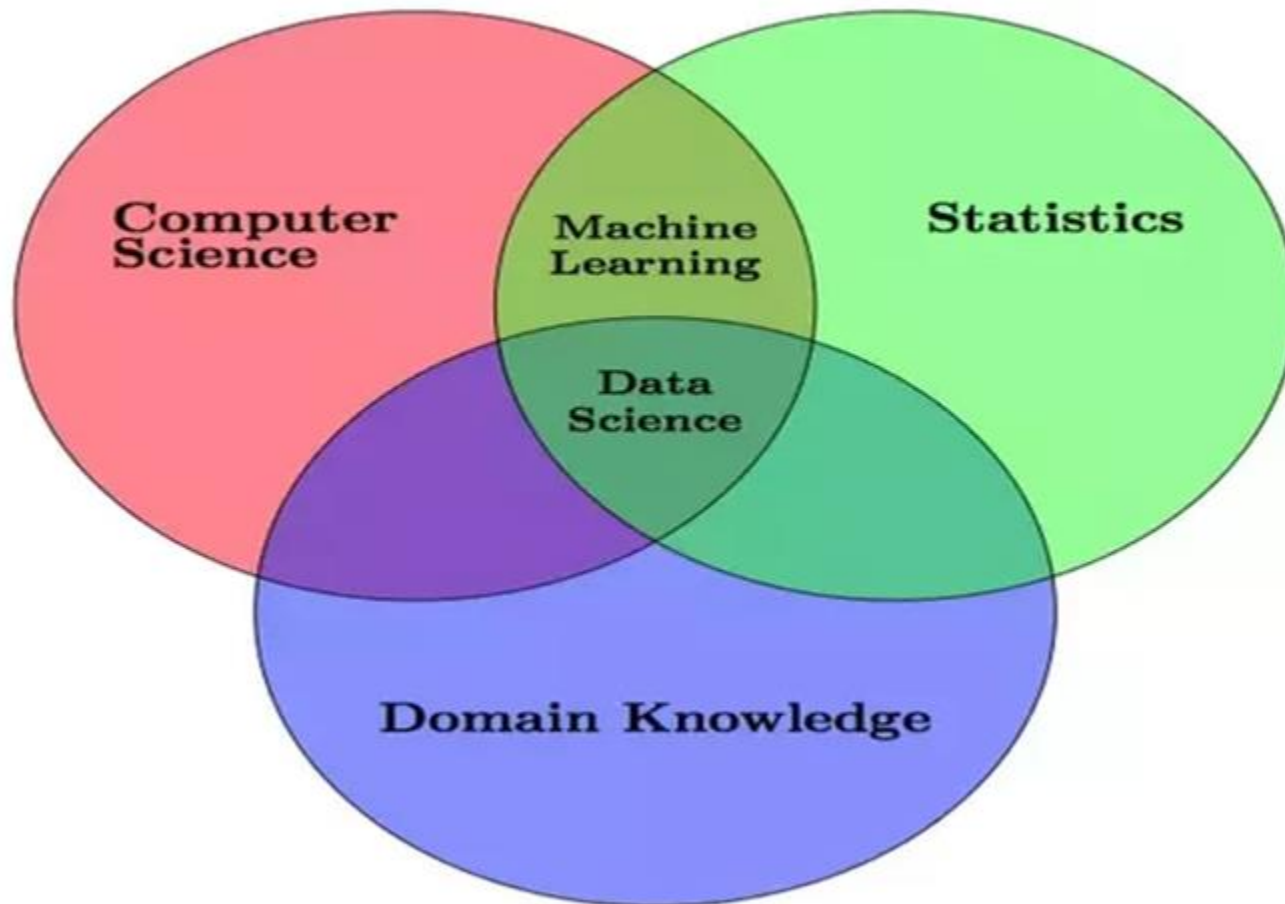


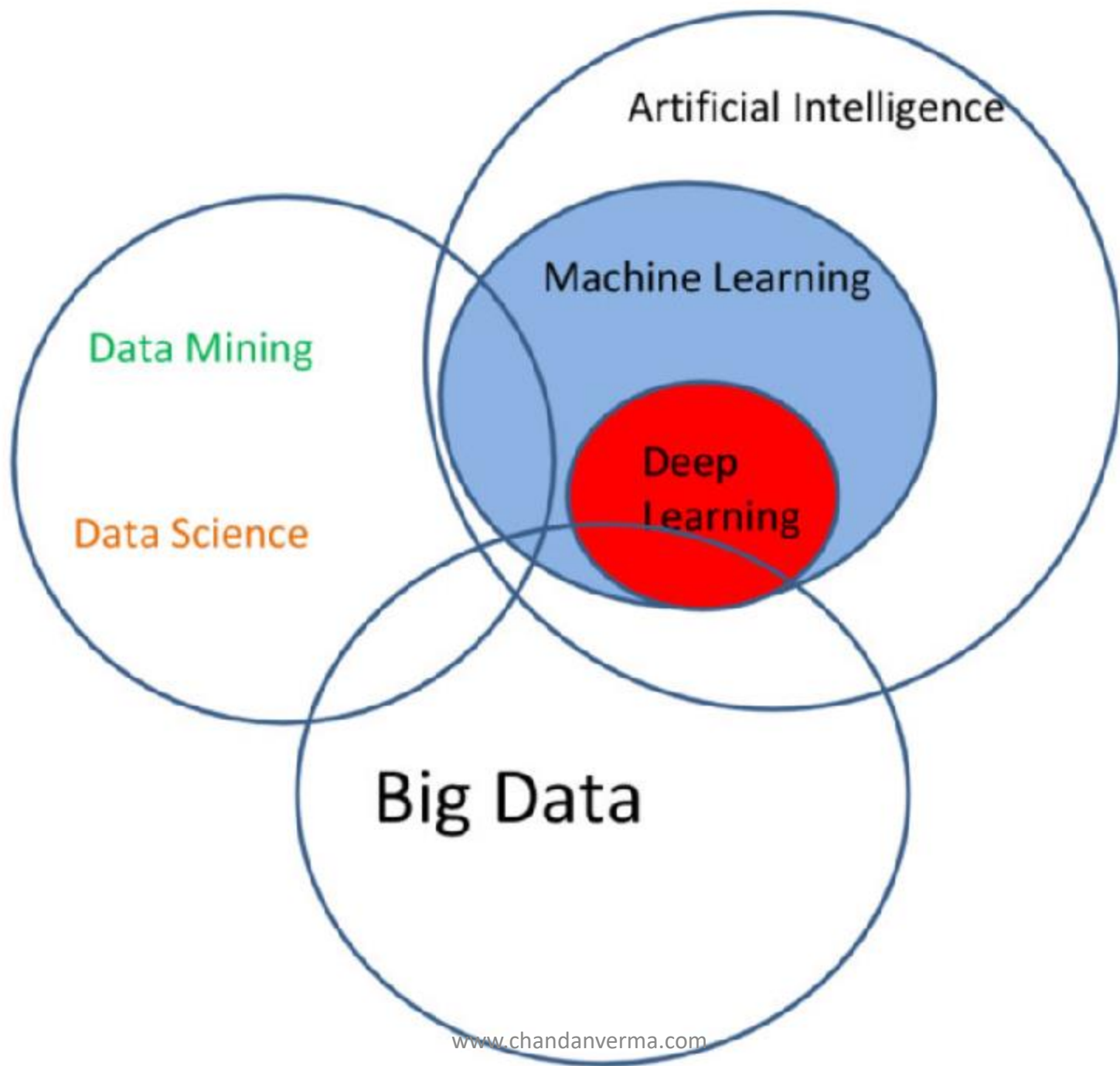




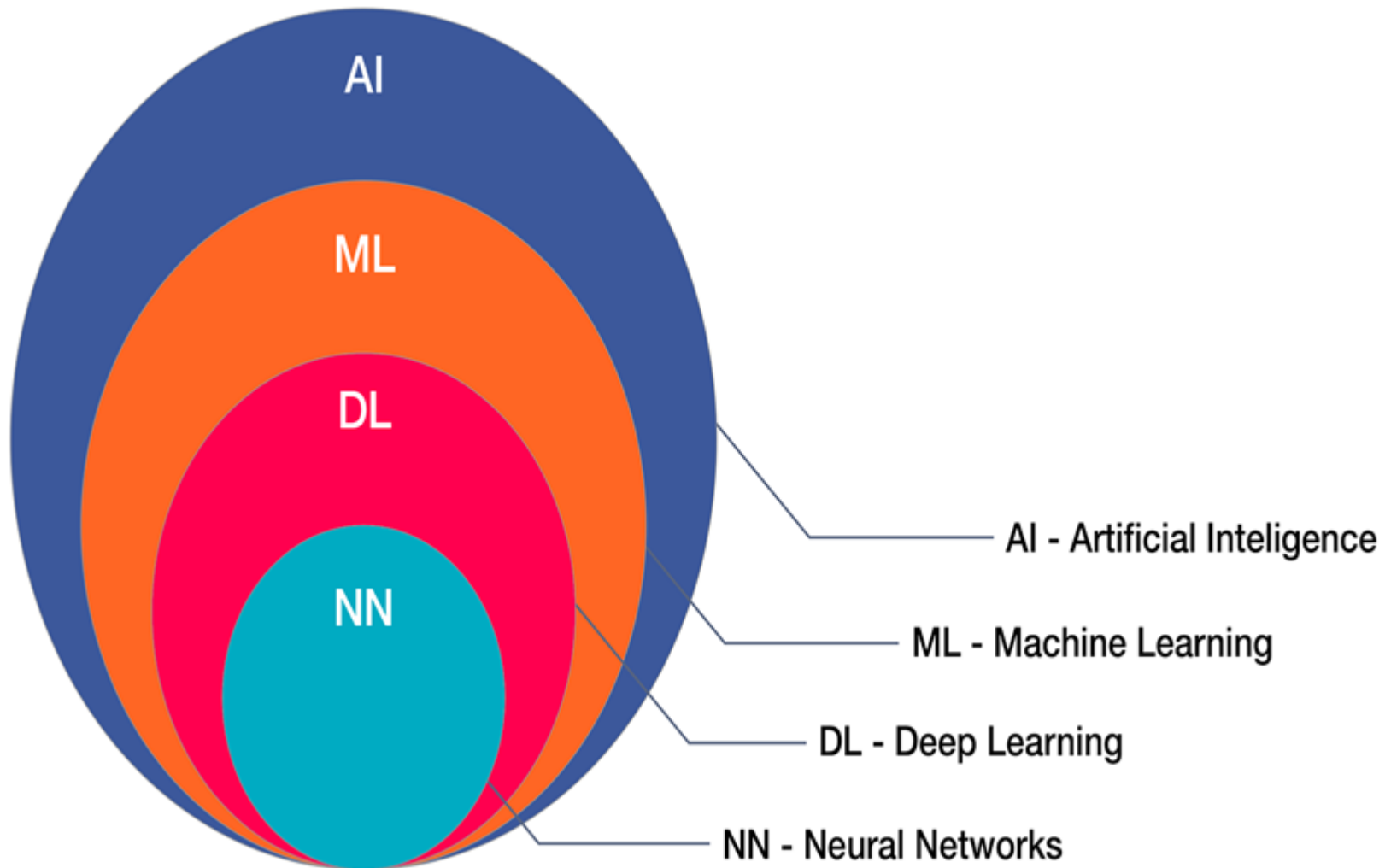
From Data to Information to Knowledge

How To start learning artificial intelligence





AI And ML



Artificial Intelligence

Any technique which enables computers to mimic human behavior.

Machine Learning

Subset of AI techniques which use statistical methods to enable machines to improve with experiences.

Deep Learning

Subset of ML which make the computation of multi-layer neural networks feasible.

