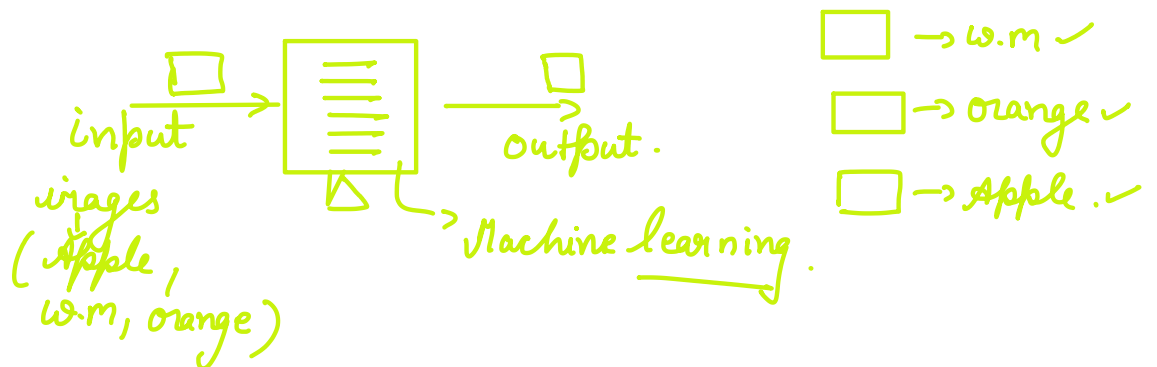
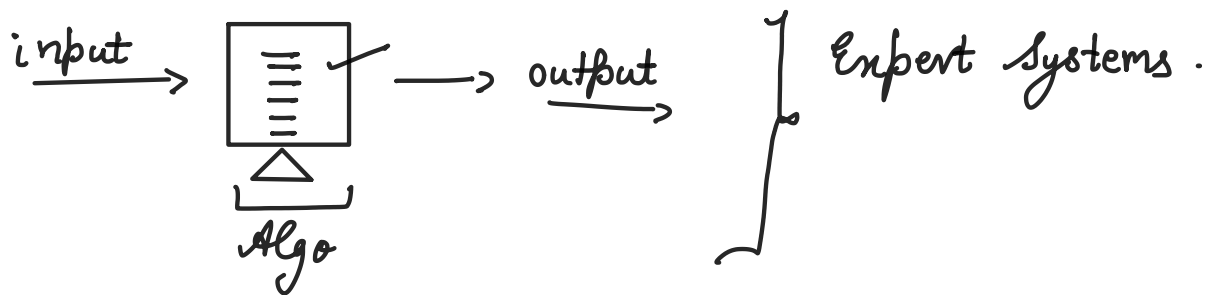
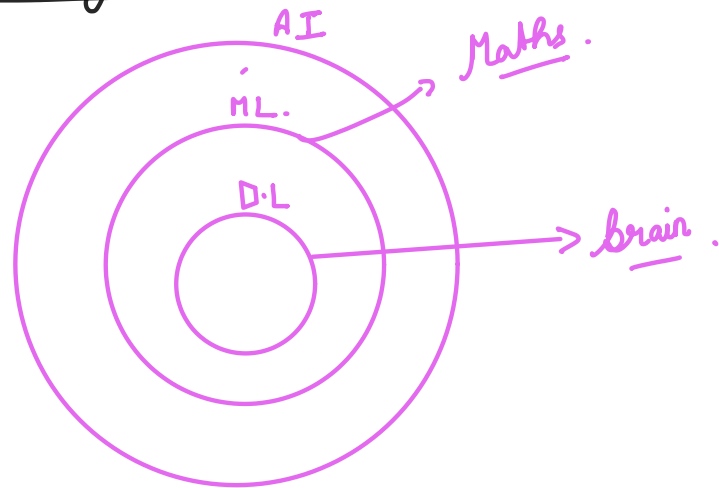


Lecture1

Sunday, 5 January 2020 10:01 AM

Artificial Intelligence →training { generalized }testing.Machine learning.① Supervised learning:-

- ① varicolor ✓
- ② virginica ✓
- ③ setosa ✓

Dataset

	d_1	d_2	label
1			
2			



$$\frac{100}{10000} = 1\%$$

2			
3			
4			
5			

input — output

② unsupervised learning:-

group together similar things

δ_1	δ_2
—	—
—	—
—	—
—	—

③ R.L → ~~Re~~ Reinforcement learning.

- ① Environment
- ② Agent →
- ③ Reward. $+ve, -ve$

④ Data Science

—	x	—	—
—	x	—	x
—	x	—	x
—	—	x	—
x	—	—	—
—	—	x	—

Male
male
m
f
female

- ① Collection of data.
- ② cleaning — —.
- ③ Analysis — — (EDA).
- ④ M.L algos

↳ 1960's.

- ① efficiency of machines
- ② more data.

① → Alexa, Cortana, Assistant, Siri
↳ M.L, N.L.P, ..

② → medical

③ → Driverless Cars.

Python, R, Julia.

javascript → }
java → }

git → version control system.

