Machine learning

- branch of A I that allows computers to learn from data and improve preformance on tasks over time with out being explicitly programed for each task
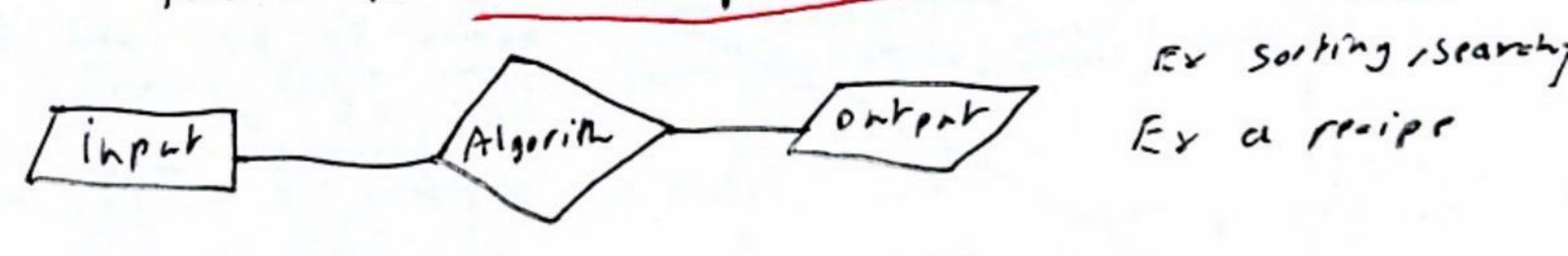
- in ML algos identity patterns from data and learn to make predictions on unseen newer data

Ex spam filtering in emails (learns words/phrases in emails to classify used alot of dat...

- like how humans learn after a while of seeing cats/dogs you know what a cat/dog is even it its not Exactly like the ones you saw before

Algorithm

- a set of well defined instructions or Rules for a computer follows to solve a problem of do a task

Ex sorting, search?
Ex a recipe

Data

- information that can be used to make decisions/prediction and insights

Ex customer purchase history (csv format/table)

Date	id	tihl			
011 127	111	face gel		. . .	etc
:	:	:	. . .		

- data like this + wether data sales data etc can be used to make predictions and recommendations about what to bay / temperture Tomorow etc
- In images data is pixel intensities, can be txt etc

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