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bor Waser bridgerical	weite the verbal 4 peuter	
languages. It is Properties	weike the verbal of weather	
communication.	poorte	
Carry Grand Carry.	1	
Difference b/w Weak	AI & Strong AI.	
Lia i wake		
Weak As	Strong AI.	
Marketin and the said		
They are how limited people	They know broader supe	
and are human dependent	and they carry out all	
for task completion	the took on their own	
Weak AI close not match	Strong As an Intelligent like	
human Phelogence	Strong As an Intelligent like humans in all appears	
J		
Weak Ast bared system can	Strong AC, have their	
only simulate human	app Pheligene, they	
be, faviare	can proces of make their	
	own decisions	
They are good at spenfic	They are having invidible	
task	human level Philligenes	
Landa Maria	so good at wide	
luck of tash		
Uses supervised & w	Use despering by	
unsupervised learny	association to process	
to prous date 0	data	
	A CONTRACT CONTRACT OF THE STATE OF THE STAT	
Eg Siri, Alexa etc.	Advanced Robatia.	
¥	7	

constitution and the second second second

Autonomous agent: decide autonomously which action to take in wellent kitualism to manimise progress

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1	Agents.
	An argent is anything that can perwise its.  environment through servors & out upon that
	environment through servors of out upon that
	environment through autuators
	autions 417,018
	Janes Janes
	Agents (Environment 3
	Eq. Perups whiteward belonged
	Humans: eyes, ears, mosse, ex for sensors hands legs, mouth for currentors
	hands legs, mouth for currentons.
	Robols: Comera, IR ex (sersors)
	wheels, light, speaker it (authors)
	the second was marked and productive all the
	Software: functions (servora)
	functions ( demands)
	Performance measure. A subjective measure to charactere
e	how successful as agent is ( by speed, acutumy
	money etc)
	many of the filler of many of the state of
_	Types of Agents
	and the contract of the probably itself
	- Intelligent agents
	Must serve
	must out
	must be autonomous
_	must be rahonal
1	

Rational Agent AT is about building rational agent, agent is Something that peruises aind outs it rational agent always does the right thing. Rationality: Perfect Rahmality Assume that the rational agent knows all of takes that the action that maximize her whitehy. Humans don't satisfy the defin of rationality. Bounded Rationally Because of unitation of human mind human must use approximate methods to hardle many tasks Rahmal autim: 48 AT Brown The aution that maximise the expected value of the performance measure given the perupt Rahmal = Best & Yes, too the best of its knowledge discount is a constant of the Omni surence It is the state of possering ultimate knowledge about all things possible The religious expert suggested omniscience is out wind the e. Service so

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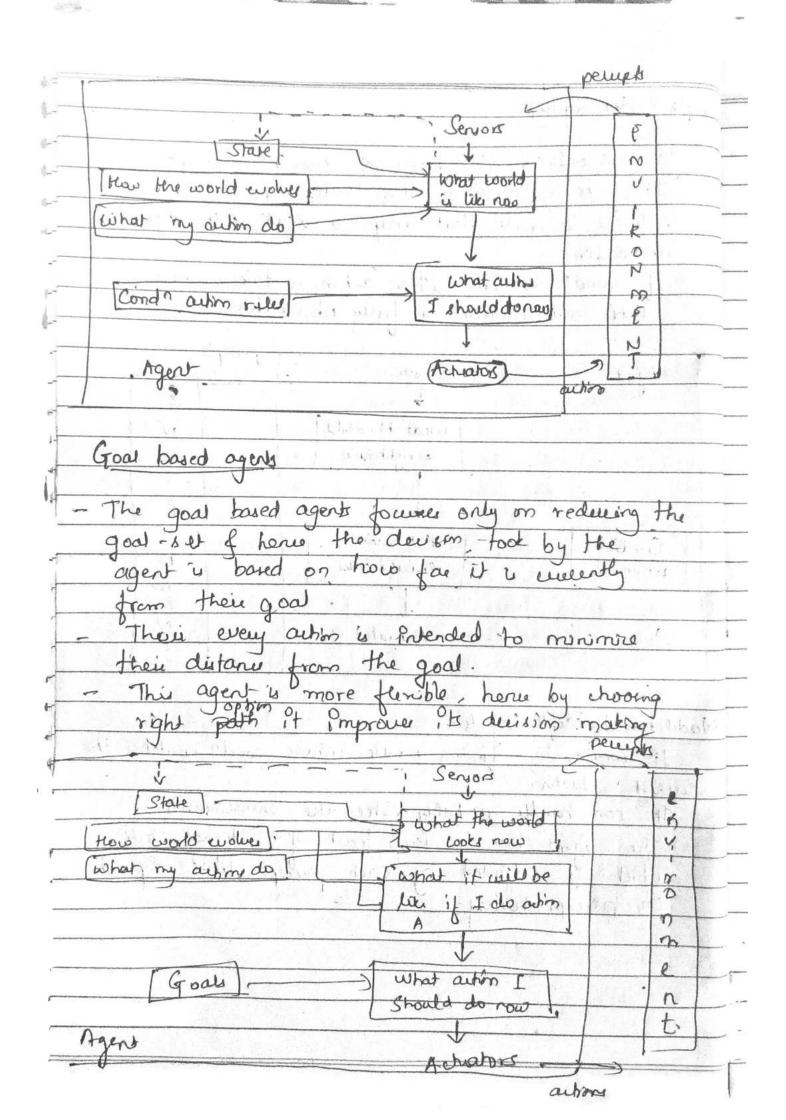
Agent environment An environment on AI is the succounding of the agent. The agent takes input from the environment through sensors of deliver the output to environment through achiators Observability ( Properties of Task AI). - fully observable: when agent's sensor is capable to Serve or access the complete state of an agent at each point in time, it is said to be fully observable.

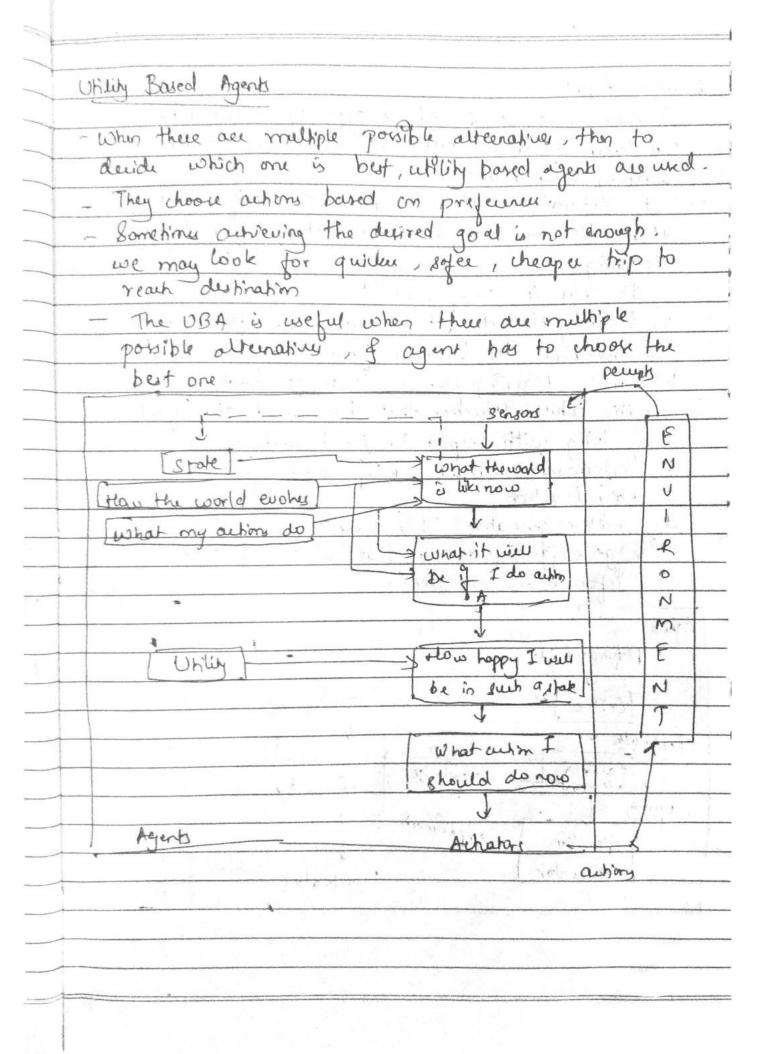
Their environments are converient, since agent is freed from the task of keeping track of the changes in environment Chees mar Willy Harry 9 4 - Partially observable: when agents server is not catable to sewe or anes the complete state of an environment at each instant of time then 9 pokee. restronce and are since the ego are within & office Deterministiem Deterministic: The next state of the environment is completely described by the current state & the agents aution. Eg Prrage analysis. Stochastic: It A stochastic environment is random on nature of carnot be determined completely by an agent. Eg: Ludo.

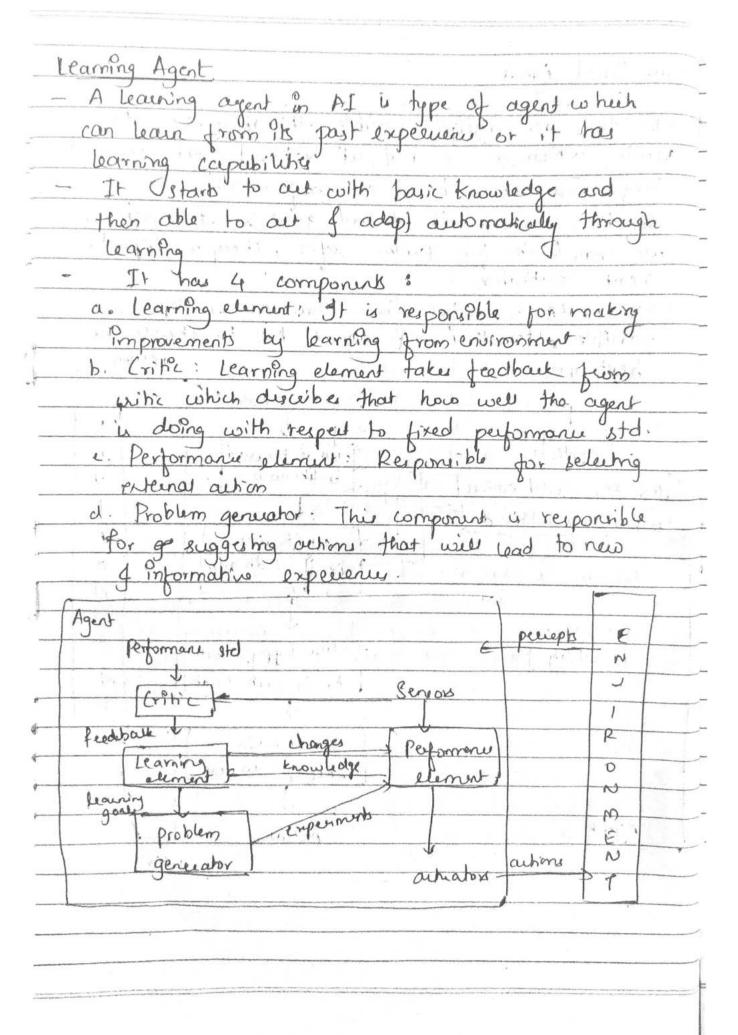
Episodic: An episodic environment means that	=
subsequent episodes de not depend on what actions.	
occured in previous episodes.	T
the many that the second that the second the	
Sequential: teur agent engages in seeis of connected.	- 1
episodu	
* State Dynamic	
	-
Static! A static environment does not change volute.  the agent is thinking here time is Prrelavont.	
the agent is thinking, here time is Prrelavont	
- Dan took at a Dat of the state once and days,	
Dynamic: If the environment can change itself while -	
on ogent is thinking, then it is dynamic	
Line remain the mounts of	
Dynamic: If the environment can change itself while - on ogent is thinking. Then it is dynamic  * Discrete / Continuous	4
Discrete: It the environment has first number of	
perepts of arrows are performed within it, they	
au called distrete : Ég Ches	
- Value solo de la companya de la co	
Continuous: If the environment has infinite no.	
of percepts & arrions are not performed within	
if fg Self duing car	
Songle / mulhi	
The state of the s	
mulli agent	
Strale agent	
CONTRACTOR CONTRACTOR AND A STATE OF A STATE OF A	
THE A STATE STATE STATE OF THE	1
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Simple Reflex agents - It acts only on the basis of went percepts - It follows condition askin rule. A wording askin rule is a rule that maps a state ( windising) to an auton. If wond is True, then aution is taken, else not. Their environment is fully observable. percepts Servors Agoutwhat the world is right now what ailin I Cendition should take action rule Achiatos !!! Model based Reflex agents It works by finding a rule whose cond? matches the Cuyred sheaton. - It can hardle packally observable environment The agent how to keep track of internal state which is adjusted by each percept that dependi or perept history.

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PEAS	
PEAS is type of model on which AI upon when we define AI agent we	agent works
upon when we define AI agent we	group its
properties under PEAS.	Salar on the salar
P > Performance measure	i i
- 0	5 - 15 - 15 - 15 - 15 - 15 - 15 - 15 -
A -> Achabas	
S > Sensors.	A 1 ( ) 1 1 11
three man will don't are made	
to self Driving car	y districti
and a serious from the bound of a	trit part and
Performance Measures: Safety, time, com	fort, mileage
Environment: Road, other vehicles	road signs-
Pedywian	J. J. Willes I. C.
Achialos : Steering, audicator, brake	, horn, bignal
Servor GPS, camera, specidometes,	sonal ex.
the second secon	1 196 3 2 10 1 15 1
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Vanum dearry.	
and the state of the state of the state of	
Percept Seguence	Achim
[A, clean]	Right
[A, duly]	Suk
[B, clean]	Left
[B, diety]	Suck
[A, lean], [Alean]	Row
[A, clem), [A diety].	Suk
	3
[A, clean], [A, clean], [A clean]	Ryho
[A, clean], [A, clear], [A, duty]	Switk
	And the state of t

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clse if Localin = A then	n tehun left
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lucing Martine Test	th own the Little
- I'l 1330 Alon Turny I	nhoduled a fest to their
	, think like heman or not.
this test is known as	turng test
- In this test, truing	proposed that computer
Can be said to be	Patelligent if it can
mimic human repon	ue unde specific condition
- Imagni a game of	
2 humans & 1 10	interegator
(human) is isolated	from other 2 player.
- The interagator is job	is to try of figure out
which one is human	and whith one is computer
by asking questing to 1	both of them.
- The Computer would	
· Committee of the comm	wh as possible
	4.120-6.22
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	Frank A. J. Const. A. C.
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