3 papers

O Vidushi Morda "AI policy in India; a formework - "

1) Response to how Indian states! AI policy

1) It is a contique not contain on Indian state's AI policy

academic word for hacking

- you are harming system to make it better

is learn wit of contique, not contain

9 don't say I don't like it

You must do a proper skeptical study

2) AI, Governance & Ethics

of those countness and how they have AI and anothers

3) on Dangers of Stochashe Parists of Benjas et al

is Authors were part of Google ethics community

-got fixed

5 stochastic means probabilistic

-stochastic parost = probabilistic parost

- ML works with pool of weights

- paronal of CLMs are stochastic proports

-they do not have general intelligence

- they are just stochastic purosts

- its Jungerous to assign human decisions to it

What is Policy? - Policy is what state does What is state? - State has writhout to control life - State has legitimacy to do violance (Max weber) - Hegel: defn of state evolves with time - Karl Marx: State is not separate from society society has group of people with different powers & dominant one becomes stufe -it is not iteas that change with time, it is myterial relations which change with time e.g. when land & horses were dominant, anstocoutes were the State - when industry & toude became dominant, capitulists made the modern state - evol of state is book of technological gov not bear of evol of ideas - so tech is buckbone of stule GIF Marx's theon is conect, - AI is new tech sevola - so society is changing 4 hence state 1) State is not merely the Government -suppose you're sending money to ye relative -bank can be provate - but it works with monetary rules of government -so government has exposted its vidence powers to provate enty getter is government + all institutions which work according to rules defined by government or central authority

-H is beyond public & power

- lots of policy making done by provate also e.g. coopoonte rules in India raniform across all companies

Idea of AI they have blea that machines will act like human intelligence

eg. Rhotes Island
- Stuhe of soldier thoswing arrows automatically
when enemy comes

Sliteral meaning of word Robot: Slave - (zeoh play first introduced idea of Robot

Southernan Jihad in Drune

-author of Dune gave shout out to author

Samuel Butler who was first author who wrote

about intelligent muchine (Book! Darwin among Machines)

chapter

he wrote that machines will do all work

(he predicted digital age even before electricity).

There of Alexandra in Greece made first outernation
machine (musical instrument)

- before digital age, these machines were called cratomata

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GAutomata lacked intelligent functionally Scant be some who formal reasoning w -medieval ages: development of Logic Smathematical logic 001 - Leibnitz worked on fromuliting logic - George Bool gave boolean algebry 4)1642 AD -> first calculator (Puscaline) - Abacus existed for a long time - but Pascaline was a proper calculater where you give proper numbers as zips 4 - Pascaline: only add 1 sub - leibnite's calculator: add" (sub/mult / div What makes state really care about making machines company -Poussia wanted to use machines in wurture - so compact calculators needed - Philipp Matthaus Hahn invented compact calculator that one person can carry (still 10-20 kg) 5 who comp has 3 things: 217-017 , parcessor, memon only mathamatical 1) Jacquard's loom was first memon device which was on handloom which inspired punch cards in competers

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is Charles Xavier Thomas de Colmar

- made anthmometer
- compact + sultable for office use

CO Now there was need for complex muth computations

- these used to be jobs for computers, the people who could "compute"
- "Hidden figures" movie : abt people who did muth behind NASA's moon landing
- It was ill-paid job so mostly black women used to de

4 Compyter Science

- -differenciation used everywhere from finance to ustronomy
- charles traffe made difference engine which worked on steam power (no electraty yet)
- Ada lovelace work world's first porgoum which pointed bernoulli's sequence
- they did not have money and bothsh government did not give them funding
- -so computers were not made for next loo years
- plans as of charles combbage were public but there was no need of computers as hyman "compyters" were there as cheap laborers
- Weet for machine computers structes in www 2
 - World's first electromech computer was made & N921s.
 - Polish scientists were also making computer frent to Vonton after Nazi occupation

750

reasonin,

100

es compact

+ one

- Alan turning at london completes it & uses that compute to deapher enlyma.
- hence Alan Turing called futher of Computer science
- -so people went USA
- -so people wern senico"

 Sport electronic computer made by univ of penssylvania

 -vacume tube -> semiconductor infustry
- Golgute shannon made IT a field
- Noobert Whener: rusing computers; we can integrate math & duta on one side & human things on other side

 Its called "cybernetics"
 - -So we so computer science in Jelation with computer ordate
- Some people separated comp science from hyman science of fooked a new bounch "Attifical Intelligence" of made it human complete engineering subject
 Today, computers are again interviening in human life and cylernetics is back
- S Dartmouth workshop is where Al word was tossed SELIZA case: people treat computer at human Schatapt