

AI Faults

Priya Dutta

Computer science & engineering
Tula's Institute of engineering & management
Dehradun, India

Abstract:- The paper is written to the development of the AI-faults, commonly known as AI-hard. Now the question arises should we resolve the faults? Is the faults-resolving beneficial for humankind? The paper suggests some important AI-faults & as well as the topic if we resolve this faults what could be happened to world.

Keywords:- AI AI-faults Risks of Ai Human oracle.

I. INTRODUCTION

Today's modern era is based on machines & advance machines.

We want to ease our work, for this we require machines. Not only for easing a process for making it swift, adequate we are absurd of making advanced machines. But the topic where we have to really determine is that this kind artificial-intelligence holding machines are really propitious. American writer Mr Elbert Hubbard writes, "One machine can do the work of fifty ordinary men." By doing fifty men's work alone a machine consume their chance of getting job as well as fabricating them idle. So in a simple perception an advanced machine is ruinous. Author Vernor Vinge rightly says, "Within thirty years, we will have the technological means to create superman intelligence. Shortly after, the human era will be ended." His quote supports the real life risk taking idea of making Ai fault free. A fault free AI supports understanding of natural languages, dealing with real life problems, knowing human emotions; in short producing machines which are capable of take the place of human, easily.

AI- fault's another term AI-complete was suggested by Fanya Montavo in the 1980's, according to encyclopaedia.

II. EVALUATION OF AI

The term AI used by John McCarthy, the father of AI, according to Wikipedia. In 1955 first AI program was designed. AI or Artificial Intelligence deals with the topic how one can evolve a machine which is able to think, learn, act, behave, and explain doubts like human can do. The machine should be then that kind of knowledgeable too. But the AI has faults, AI-faults suggest the lacking things or terms of AI. The evaluation of AI take place for mainly two reasons one is human's need & another one is human's greed. Need & Greed are quite similar sounds but they make huge difference in practical circumstances.

As the entropy of a system is increasing we need to do huge amount of task. Tasks like fraud-detection, automation, automating manufacturing/ support, safety alerts, assembly line, introducing any kind of laws without any corruption is easy for AI compared to humans. Humans' can get tired but a machine does not feel any tiredness. Machines can work any environment but human cannot, as in uncertain environment human live is more important than a machine.

In an interview with Larry King on his talk show, Scientist Hawking said, "We are in danger of destroying ourselves by our greed & stupidity." Supporting his words humans countlessly purchasing AI; for not their need but for their greed. He also visualized the competition which is going to happen in near future with machines of humans.

An AI includes machine learning, natural language processing, expert system, vision, speech, planning, and robotics.

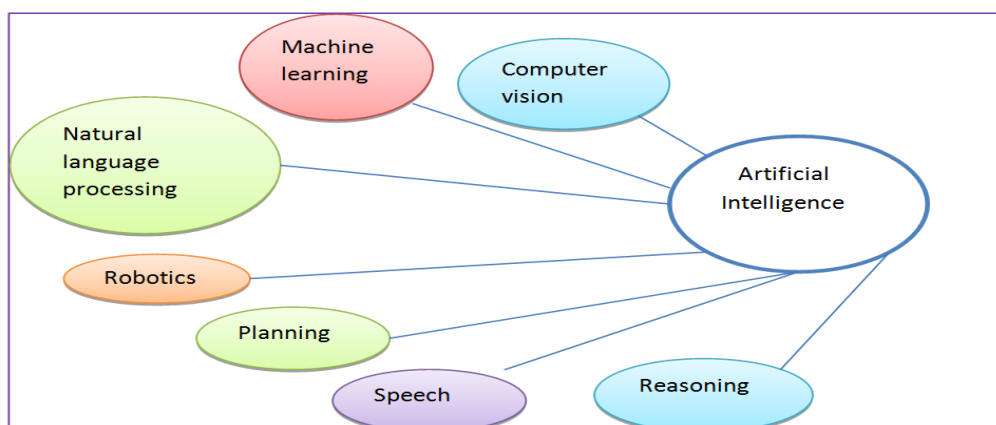


Fig. 1:- Artificial Intelligence include

III. AI-HARD

In computer language AI-hard symbolizes the incompleteness of AI. To make an AI-fault free we need to achieve the below goals:

A. Anti Captcha

As we often see accessing a webpage or making an online account we need to pass a Robot-test, where we have to either select some images or digits, which distorted somehow, these instructions, are called captcha. This test could not pass by an AI machine until now because machines cannot identify distorted characters.



Fig. 2:- Source Google

B. Natural language understanding

Any kind of AI machine does not know any complete natural language. The refor AI-fault free system must understand natural languages.

IV. REASONING

How to use Persevering knowledge at a need of time is called reasoning. An AI machine may have more than knowledge to a common man but it does know how to use this knowledge of its own.

V. PROBLEM SOLVING

Problem search & solving capacity is still lacking in AI machines.

These are the main AI-faults till now. Many companies like Google, Microsoft, Facebook, Apple, IBM, Deepmind, and Baidu are doing extreme effort to resolve this& making a complete AI.

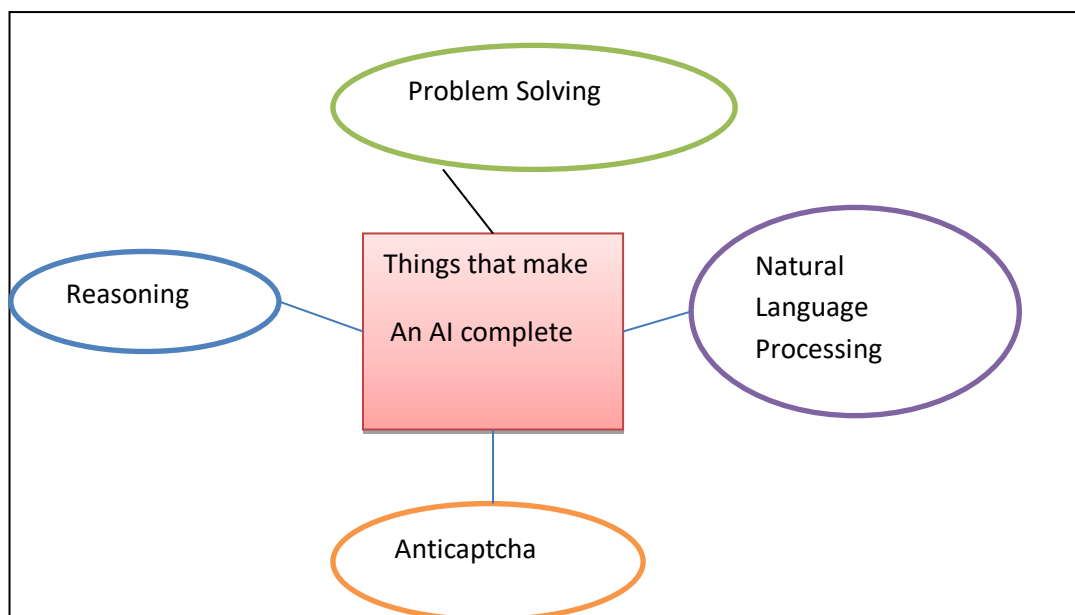


Fig. 3:- AI-fault

VI. AFTER FAULT RESOLVING SITUATION

After removing the faults AI system will became more powerful & efficient. But what happens to the humans.

The world has to face a human-machine face of. Where the creators are going defeat and created things are win. The world has to face devastating economic problems, such as:

- Machine trucks took the place of normal trucks & drivers.
- Robots replace human in every work like journalism, accounts handling, computing, teaching and many more.
- As we know there are so many partial men outside, thus making a sense may be there will be partial AI machines also.

- Criminals can use to fulfil their motive producing a negative AI machine which will do opposite to one's good.
- In machine learning, we cannot easily catch the culprits. If a robot attempt any sort of wrong decision who will take the blame?
- So many types 'of privacy challenges will also be found in near future because of AI.

VII. SURVEY

Name	Address	Occupation	Opinion on Fault free AI
Mala Paswan	Dhoolkot, Dehradun, Uttarakhand	House Wife	If a machine can think & behave like us, then what the use of our brainsleft?
ProvakerRoy	Sitalkuchi, coochbihar.	Student of B.A with honours in English sitalkuchi college.	Sometimes it is helpful to have an advance machine but it makes us more lethargic.
Swagata Sarkar	Shanti para, Jalpaiguri, West Bengal.	Student of IT in Siliguri Institute of Technology	As a machine is stronger, durable than humans' & if it get human's brain it can destroy human' as well the environment
Swagatam Dutta	Korani para, Jalpaiguri, West Bengal	Student of class 12 in FDI.	AI technology somehow helpful but it can be harmful too.
Debosnigdha Kundu	Suhid lane , Jalpaiguri, West Bengal.	Student of B.A with English honours in A.C college.	Having an advance machine making our work easy as well as efficient. It is not bad, having a robot-friend which thinks like us.

VIII. CONCLUSION

Professor Moshe Vardi says, "We are approaching a time when machines will be able to outperform humans at almost any task". This kind evaluation is topic of debate where some people oppose some supports the AI-hard free concept. AI is developing fear & excitement both together. We are approaching an era where some uses the AI for doing & other doing harm for mankind. As the survey suggests people are not opposing the betterment but they also terrified about the upcoming storm.

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