The Future of AI

- At the Web Summit conference in late 2017, the legendary physicist Stephen Hawking offered his opinion about the future of AI. He was hopeful that the technology could outpace human intelligence and so many horrible diseases will be cured and perhaps there will be ways to deal with environmental problems, including climate change. But there was the dark side about how the technology had the potential to be the "worst event in the history of our civilization."

- The overall job market is dynamic, and there will be new types of careers that will be created. There will also likely be AI innovations that are assistive for employees.

- Here is an interesting video on how we can get empowerment through AI   *(Right click on the link and open in a new tab/window)*

The Future of AI

Automated Transportation
- AI-powered cars exceeded human-driven cars in complete safety, according to research with 55 Google vehicles which have driven over 1.3 million miles completely.

Drug Discovery
- AI will speed up drug discovery as deep learning would easily be able to identify complex patterns.

Government
- A group of congresspersons in the US, have sponsored a bill, called the algorithmic accountability act, which aims to mandate that companies audit their AI system

Technological Unemployment
- Automation will severely impacted industries like manufacturing there will be a transition of the workforce as people adapt.

Weaponization of AI
- More than 2,400 AI researchers and entrepreneurs have signed a statement that calls for a ban of so-called robot killers.
- AI will probably have the most impact on information warfare, which could be highly destructive.

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The Future of AI

- Two key concepts that we need to be aware of with respect to the future of AI are:
  - Artificial General Intelligence(AGI) - Ability to mimic human intelligence and behavior so well that it becomes indistinguishable from the human mind
  - (E)Xplainable Artificial Intelligence (XAI) – Ability of intelligence to explain itself

- [This article](#)delves deeper into these.

- Here is a [write up](#)in XAI and a [Forbes Article](#) on AGI

(Right click on the link and open in a new tab/window)

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