

Artificial Intelligence: The Future of Employment

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Artificial Intelligence is the theory and growth of computer systems, which can do jobs that generally, needed human intelligence, such as decision-making, visual perception, speech recognition, and translation between languages. In this paper, an essential matter regarding AI has been taken up. There is rising concern among people that AI will be taking up jobs as it is doing an outstanding job in every field. A typical example is chatbots; chatbots do the work of the individual working as Customer Care and doing partial jobs on behalf of humans. In few companies, it is handling the whole career of the humans. A simple example is Digi bank. If we do not learn about AI in the coming Future, Futrell not be surprising that the outcome of a specific business will suffer, or we may not have jobs, as AI will be a better substitute than we will. Therefore, here in this paper, the idea of promoting the study of AI is discussed using AI teaching centers.

Keywords: AI, Innovation, Automation, Technology, Future.

1 Introduction

Job loss concerns related to Artificial intelligence have been a matter in many business and academic areas. A study at Oxford says that more than 0.47 of America's information will be threatened by job loss by 2030. Other sources like World Economic Forum say that AI's automation will replace more than 75 million jobs by 2022. As per another report, AI-bases robots could replace 0.3 of the current global workforce of people. As per the AI expert and Venture Capitalist Kai-Fu Lee, 0.4 of the world jobs will be replaced by AI in the near decade. The lower worker class will be the one to be affected most. We cannot be light-headed just by assuming that the lower-income group will only be the one to be involved. The growth is in leaps and bounds, so it is not a surprising possibility that AI may even take the jobs that require high order skills like surgery as AI would be providing more accuracy than a mere human being. Sadly, that I the cruel truth. We have created machines better than we do. Few counter-measures that can be taken in this regard are -

- We can bring changes to the education system. We can teach more about AI because if innovation and creativity come up, there will be the slightest concern about jobs as people will be educated to work with AI.
- If the government and private sectors join up and provide education, then there will be lot number of trained intellectuals, and thus there will be overall growth of humanity.
- If we build the gap between demand and supply, there will be more freelancers coming up, which is the demand of the new era. [1]

2 Issue Related to Artificial Intelligence

An approach to solve this problem is to inspect the impact of technology-based breakthroughs on labour markets in previous industrial revolutions. For example, the origination of automobiles in routine life caused a reduction in horse-associated jobs, but recent industries also come out with a net constructive effect on employment. The automobile industry itself grew speedily, generating numerous new jobs. Still, another sector also expanded due to the growing amount of vehicles on the roads, and countless new jobs in the motel and fast food industries arose to serve motorists and truck drivers. [2-4].

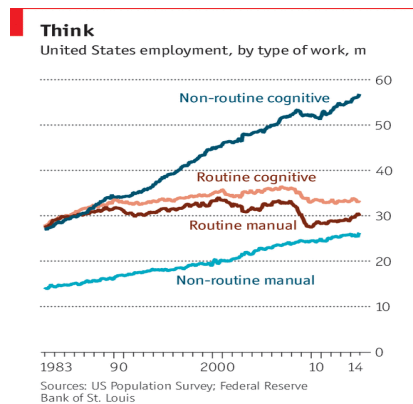


Fig. 1. From Forbes survey [5]

This graph shows the loss of jobs of people in the United States according to the respective sector. This graph shows AI has gradually taken over people's careers.

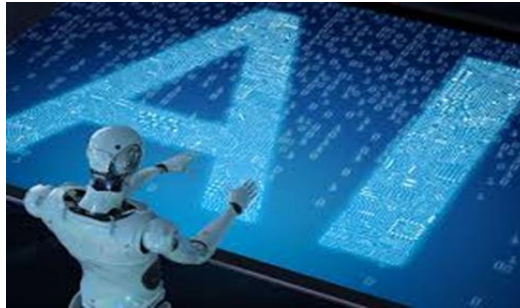


Fig 2. Jobs did by AI

3 Future

a.) Training Displaced Workers:

Today's focus is given to process and not driven by people; if the focus is on AI, then AI can learn processes and replace humans. Positions just as manufacturing and sales can be quickly taken over. AI will make this job trivial in the Future. The future way to work with AI is with interaction so that jobs such as of manager. Robots need to do jobs that can be automated, and humans need to do the position require a mental effort and creative finish. [5]

b.) Maybe Everyone Will Not Work:

As discussed above, it is an opinion that not everyone will work in the Future; the Future will take the process-driven roles. This would lead to a higher unemployment rate, which would create a significant impact on finance and morale on macro and micro levels. If the idea of the skills to be taught is lacking then people, encouraging will be difficult.

The impacts of this possibility may lead to severe blows. People would have to find work for displaced workers to contribute and make a difference, even in a little. Perhaps it will be more of a sci-fi situation where only people who want to work will work. Robots will do rest tasks, and others can do anything. That may sound a bit exaggerating, but who knows what the future store for us. AI and robots are the inevitable Future. Future plays a role in everyone's future jobs, whether that means they make it easier or take it. We need to take quick steps so that the problem would lead to a disaster future.

c) The Technologies Create New Jobs for Both the Short and Long-Term:

The Future is the 'unknown,' so we can predict what will happen. We do not if skill sets will be of any relevance in the Future; futures may open a path for innovation. If this is the case, displaced workers could take up new jobs. However, it will also encourage those AI will replace to acquire new methods of skill set to work in harmony with the AI. Skills such as empathy and compassion are always needed because robots cannot replicate those skills. However, new inventions could

open the door to other hard skills required and in high demand in the Future. Future also has an opinion that managerial roles and human skills will still be required [8].

4 Solution

- We are teaching people about AI through coaching centers because if AI takes jobs, it will relatively open job opportunities too. Thus, jobs as AI tutors as well as people working with AI will increase. Sophisticated jobs like surgery, if done with the help of AI, then accuracy will be improved. Thus, there is a wider need for people who can teach others to live in a machine-equipped environment.
- Promoting management qualities: This will be the basic need of the people because if AI does labor work, then work left will be machine handling and strategy planning.
- In the Future, Futures can take more of a cyber-turn. AI cannot do all of this work because it would give rise to security threats. This is a typical example. Even though AI will take over jobs, but other opportunities will come up. Still, to stand in such competition, the knowledge of AI will be inevitably essential. Therefore, setting up coaching centers by government or privately will benefit the economy and guide for stronger future micro and macro level.[6-7]

5 Conclusion

Artificial Intelligence technology is one important side of life that always interests and amazes us with the new concepts, themes, fields, innovations, products, etc. AI is not implemented as the films act for it (i.e., intelligent robots), but there are several significant tries to reach the extent and to take part in the market, such as, at times, the robots that they display on TV. Lastly, we have been researching the AI definitions, short history, and applications of AI in the military, applications of AI in public, principles of AI, and various rules of robotics. It is not closing of AI; there is much more to come out from it; who knows what the AI can do in the future.

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