

# Artificial Intelligence: A threat to Employment or a Catalyst for economical growth.

## Outlines:

- 1) Introduction
- 2) Artificial intelligence a threat to Employment.
  - a. Replacement of certain jobs by AI.
  - b. More competitive environment for workers working with AI tech.
  - c. Challenges for the entry level workers.
  - d. Over dependency on AI leading to the death of creativity.
  - e. Hurdles in developing countries.
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- 3) Conclusion.

Sir in this age of AI  
For better evaluation need handwritten  
assignments

## Do not use pronouns plz

Artificial Intelligence (AI) is replacing human task faster than we think. In a current report of New York Times, the AI could automate the activities of over three hundred million full time workers across the world. AI is a term used to describe vast range of new technologies that exhibit humans like intelligence. AI is based around logic, the beginning of AI started from the Aristotle's logic and symbolical reasoning. When the scientists and philosophers start thinking about the formation of an intelligence machine like Natural intelligence and different inventions raised up from logarithms to AI. AI brought easiness to mankind. The faster development of AI in the 21<sup>st</sup> century make people think of themselves and their jobs as the generative AI is replacing them. Certain repetitive jobs are already replaced by AI which is leading toward massive unemployment. The sufferers of AI claimed that we taught or programed AI to perform ~~our~~ jobs the best way it can and now we are fighting back for ourselves. The AI chat boxes replaced the roles that traditionally relied on the human roles. The fear of unemployment is associated with new developments, back in 1589 Queen Elizabeth 1 refused to grant permission for the formation of an inverter of a mechanical knitting machine because of the fear that it will put knitters out of business. The replacement of jobs, over dependency on AI, competitive environment and lack of resources is leading to massive unemployment across the globe because of AI.

AI is participating in every field now a day from study to health, war to peace, teacher to mechanics it occupied major tasks which were not able to be performed without the involvement of Human. According to the official claim "Sam Holman" AI will occupy 10 to 20% of white collar jobs in a year or two leading to a massive unemployment. The jobs that are performed daily and are repetitive are almost occupied by AI. These jobs are present in every field, mostly the jobs of call center, retellers in bank and other commercial hubs, agriculture, driver less cars etc. Few years back when we faced any issue in mobile network or banking we use to call the helplines and a worker over there register and solve our problem but now these companies installed AI chat boxes in their system which automatically solve 99% problems without the involvement of human and in a flawless condition. From long trucks to small cars like Tesla adopted AI technologies the driver less technology, in which the vehicle performs on the commands of AI chat box replacing the job of drivers. The modern machinery in agriculture also replaced remarkable workers and created unemployment. Same is the case with interior designers and graphic designers as AI give you these services for free. By creating this vacuum around 85 million people will lose their jobs in near future. According to the study report of Brookings institution approximately 36 million jobs are with higher exposure to the automation. AI is going to occupy 60% of jobs in developed countries and 26% in the low income underdeveloped countries. A recent report published by IMF states that approximately 40% of professions in Pakistan are under AI effect. It can be evidenced from the rising number of people in Unions in United State that workers are worried about their jobs and the Unions are enjoying its upswing.

AI has a fix system of course where no chance of error is possible, when when the same task is performed by a human chances of error are there. More over AI takes less time for the same

task that require human enough time to complete. If we give a difficult math question to the brilliant teacher it will take time form hi and maybe, he commits a mistake where on the other hand AI take seconds and give accurate answer free of errors. This bring a challenge for humans to perform their tasks free of error and in short time, this create a fear of losing their jobs to AI and many are replaced by AI.

The survival of entry level works that lack enough skills are near to the unemployment in developed countries because of AI. Those with enough skills may go to higher level or shift to new roles better than the existing one. A report published by International Labor Organization claimed that one fourth of the workers occupation is exposed to be replaced by generative AI in near time which will lead to massive unemployment. It is difficult for these workers to learn such skills at this age which lead them to good positon. Same is the authorities it is not possible to adjust such large number of employees. The officials of AI called this adjustment period they further said that the benefits are massive and we should take the benefits and prevent the harm.

AI is playing its role in every field now a days and the end users become overly dependent on it. AI provide answers to logical question which people solve without working on it or thinking on it. The famous proverb "necessity is the mother of invention" which means that if we do not have any solution to a problem we work on it and find out possible solution to it, sometimes create new inventions. But the AI has swipe away this critical thinking of human, which is degrading the skills and stop the way to new jobs. Furthermore, studies students used to attend academies or tuition for difficult task in studies but now they use ChatGpt or other AI apps to get the answers. Student get their answers but their thinking on solving difficult tasks remains the same. This lead to the displacement of Tutors jobs.

Whole world runs through certain common principles. AI is emerging throughout the world whether it is developed or underdeveloped country. People often migrate from one country to another for sack of jobs and development. The jobs before AI didn't required any specific education and people without any knowledge were possible to perform but now it is not possible. For instance, cars are modified with AI an illiterate person cannot use it properly, thus in job pool of the world job seekers in developing countries face problems. The opportunities in developing economies are same for every individual while under developing countries these opportunities either absent or not common for individuals. Which leads to lack of knowledge about these new AI base technologies and they stay behind in job opportunities. To enhance people knowledge about AI government need to update the curriculum as we need to train everybody with AI. It depends on the availability of funds and who has the skills to implement it in the low economy countries which are suffering from shortage of funds and political instability. In December 2024 a conference on AI, literature and culture was held in Sahiwal, in which over 50 scholars participated. The conference warned that AI could trigger global unemployment, risking local jobs as Pakistan is having a larger number of youth.

Economy depends on the individuals in a society while AI is taking jobs of certain people which will lead to inflation in different countries, thus AI will disturb the economy. The population of world is increasing significantly and already there is lack of jobs. Moreover, the jobs AI is providing are less in number as well as they are carrier oriented, certain people will get benefit from it not the one whom job is it risk due to AI. Only the developed countries will provide jobs in AI tech, which will become reason of brain drain in developing countries. The technologies of AI are very expensive that even some countries can afford them in very small number.

There is no doubt that the replacement of jobs by AI programs, over dependency of users on AI, competitive environment of human vs machine and lack of resources in low income countries is a leading cause of massive unemployment across the globe because of AI. Adjustment of these workers is a hard and highly expensive task. AI has replaced many entry level tasks that were previously done by humans. Secondly it has modernized the society which is very difficult for people from rural areas or the less develop states and they remain out of the market. The market became a challenge for every worker they should know about everything and up to date which is a very difficult task for low skills workers. The adaptation of new technologies is necessity of the time, but it depends on how the world is adopting it. AI technologies are expensive, difficult to understand, need ample resources which is not possible that the authorities provide to each individual and this it is creating inequality. By proper plan, supporting the developing countries with funds, making AI programs and devices affordable throughout the world, creating multiple types of jobs that can adjust the entry level workers and slowly replacement of the workers posts with AI can help in reducing the unemployment. Furthermore, the officials of developing countries should change the out dated curriculum with the modern one and accessible to every citizen. All these solutions are time taking but yet it will overcome the unemployment up to some extend in future, there is no direct solution to the unemployment caused by AI and it may get severe in the coming years.