Hello Maam Mashal! I hope you are healthy and enjoying the day. Last week I received a comment that avoid the rhetoric style of writing and work on clarity. I have tried my best to avoid these. Kindly check this Essay in keeping view of my weaknesses. and evaluate that do I have improved.

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(d) The iminent threat of losing jobs
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(e) The widening gap between North
and South in political and economic
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(6) Conclusion
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Building advanced AI is like launching
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up speed, you also need to focus on steering
(Taan Tallinn).
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The 20th century witnessed industrial 600m and 121st century is witnessing technological 600m. En this technological revolution Artificial Intelligence isaprominent development The world is witnessing and enjoying the dividend of AI. For lexample they are self-driving cars, trading assistant and many more advantages of Al. Howevery scientist and people are Sceptical regarding it's challenges of using responsibly." Stephen Hawking says "The development of ful Al could spell the end of human race. This emerging technology has many pros, but has cons as well. The disadvanta 04 challenges dominate in the field of privacy, transparency, inclusiveness, fairness, safety and accountability. These are challenges of Al to use it Eesponsibly. These challenges give birth to many concerns, buch as negative externalities on Al nonadopter the tendencies of Al to discriminate gender, race, and culture, the protecto and handling of large amout of day threat to lose Gibs through automation URBANE PADED DE

the widening gap between the North and the South in economic and political domains surveillance and espionage. The above have great impact on individuals, Howking pointed grove repercussions on suities and human race, his prediction is proving to be true. The AI has started to imposed the world. The AI advancedcountries have started to monopolize the markets, employers are chipping out employes during automation transition, the Al training programes are affecting environment, the patriarchial molchine learning is marginalizing female gender and elections are being rigged. This picture of Al, which is threatening gives scientists two options. The first one is to abadoned and eliminate & from our lives. The Second option is to embrace AI and strive to find solutions to face the challenges of using AI. The later option is more practiced ause AI advantages weigh more if challenges addressed it is asset for humanity. The possible solutions to Al challeges are following: the development of legal
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framework which ensures privacy, transparency and accountability Al, revision of Al algorithams to make it unbiased against gender the transfer of Al technology from developed to underdeveloping countries for equitable growth and Dividends, and assitance to unemployed labour. These actions will mitigate the impacts of Al and help to use Al responsibly As AI is most advanted form technology which has many advantage However, Vit poses many Challenges to mankind. The reasons of challenges are inappropriate usagé y AI. Thèse issues can be resolved by proactive and stringent legislation literacy. The emerging technology, Al, posses many challenges of using responsibly adopted Va standard which and accountability The above mentioned principles are prerequisite for using Al Eesponsibly. URBANE PAPER PRODUCT

of breath in themeans the challenge to appropriate use of A1. The breach of these chaven principles impose grave threats. in the principle is levident example, in 2020 the Capital One company leaked 100 million people data" which concern to their privacy and safter Thus, the laid down principles neglected and creating non condusive environment for using Al responsibly The trajectories and patterns using AI demostrates that it has many elements of concerns. The use of 41 has many enternalities on Al non-adopters which (we imposed by Al front runners The actors in AI adopters can be divided into 4 categories, i.e Front runners (completly adopts AI), Follower (try to catch up with front runners in (A1) watcher which wish to adopt technology but have not stepped in) and the last non adopters (who are not interested and unwilling to orguive A[). In this categorization front-runners will make the most of technology. The Mckinsey the institute of R&D in Al, argues

that Al front runner cash flow will increase 120% by 2030, and the non-adopter cash flow will decline 20/ by 2030. This study demostrates that AI mon-adopters are not going have equal opportunities. The unequility affects socio-economic farboic of societies. The adoption will be more prosperous than Amon-adopters In nutshell, the adopters have opportunities to harness the fruits of AI and on the other side Al-nonadopters are about to face negative enternalities.

The AI has potential to discriminale the genders, races, and cultures. The Al works on "Al deep machine learning" which is coded by moiviouals which belongs to male gender, anglo-saxon race and western culture. As Al is driven by codes means driven by coders and their biases and prejudices. This claim changed into fact by a study and subsequent report of UNESCO on the effect of
Al on working of women in 2012 This report work luded that whenver the high-paid jobs are posted on Facebook, the AI shows advertiseme more to male profiles than female profiles. This is complete discrimination

Date: against women according to report. That the Al Bas inclinations to discrimination against race and cutures After discrimination, the Al humans are digitalized personal The leakinge of personal data may make people vulnerable and exposed to threats. (As mentioned earlier, in 2020, the Capital One, an artificial intellengence company, leaked 100 million This breach of privary raises In Conclusion, the Al has access to a large amount of da for which is difficult for Al infrasteuture to handle 1 make users to concern about their privacy and The challenge to use Al responsibly targeting labour force. The Al allows transform from man labour, so employers may chipp of from jobs According

showed concern about their job 1035. The 1055 of job will affect

many households as many jobs

many households as many jobs abilities to be transformed into automation. This may unleash unemployment, poverty, mental steers and social insecurities. Consequent threat to job The use of Al is imment threat to job 1055 by automation. more the goys
The AI use can wide the goys between the global North and global South. While the Global North is group & well developed and prosperous countries. These countries have capital to invest more in Al. On the other hand, the Global South is group of underdeveloped and economically backward countries. These countries have less capital to invest in Al develop ment and the technology adoption. As already mentioned, the front runny have edge to exploit more the non-Aladopter. As a result, the Global North and the polito-socio- economic grove will wide more. URBANE PAPER PRODUCT

 $\mathcal{D}_{ate:_}$

There are change chances of unethical use of Al in academics, surveillances, and espionage. For these actions A1 is sophisticated tool. As it learns intelligence supervised and unsuperised methods. The both methods feeds AI with a large amount of data. The large amount of Gata enables Al to write research articles, newsarticles and theses. As a result, academic field stangales with plegerisum and frond. Not only the academic field, but also in surveillance and espionage tused unetheraly According to a report Surveillance, Security; A1(as technological Acceptance by Young Jun Park, AI can distrub entryption firewalls, and authorigication. Therefore, Al is used for forgoing academic field, Surveillance and espionage. These age major conerns or challenges that are posed by use of Al. However, AI has stayted to impact the individuals, organizations and states. The # big companies have started to monopolizes the markets by using Al. According to Investipodial article manned ("Adpot, capture and Kill", the

technology, capturing the market the small By doing this Face-book and Goo 98% of share in technology The monopolization of the market Kills the competition. The competition is major element of neoliberal economic system : If this economic system is distrubed, this will have grave impact on global political economy Thus, Al is helping compablies to monopolize the markets and they have successfully monopoliare it. The AI has intreased the unemployment and further unemployment will increase. The AI is changing industries and transforming them from manual to automation. According to McKinery, due to automation 400 million people have lost jobs from 2014 to 2023. At the one side it is helping the developed countries, where countries are short of Indour such as Japan where as countries like India, Pakistan and China where population is in great num In these countrie URBANE PAPER PRODUCT

Date: unemployment will be disasterous due to the Earth is figthing with climate to environment is a matter of worry In addition, Al is making environd issue more worse According to accounts of MIT review, the training BIRT, an AI model; produces more than 5 cars. Fur thermore, review highlights that the emission is directly proportional to model. In future, Swentist/will work on more complex and advance model as XLNET. These model will produce! emit more CO2. Thus, the Al and Environment have close co-relation. which will eventually harm environment As in the Voncern section of tent disused the likelihood of discrimination At this stage the impact of Alon not immere but esclating The Al bayed systems are illustra: patterns where structural marginalization URBANE PAPER PRODUCT

Date: is prevalent: The LINESO report women, where women have challenges. discoiminatory tool due to its patriarical a certain Kind and concepts in technique is used by politic in their favoring their opponent. This in politics. The Pakistani

blamed for rigging 2018 USA election. domain is threat to democracy and political stability of world. In nutshell, the Al is being tused for election rigging political polarization. The above mentioned and discussed impacts of Al com be mitigated by many ways which will help to manimize the advantages of Al and minimize the disadvandtages. The AI can be regulated by stringent legislative framework as I has promising ated General Duta Protection Régulation. This legislative Frame work regulates privacy transpare ney and accountability of Al in respect to data collection, and Protection; and usage. Similar type of legislation will all around the world will make Al use responsible Thus, a stringent policy framework to protect data mis use. While discussing the impacts of Alon women, the wnelwion a that AI is discriminating female gender. This issue can be addressed

through returniting Al models. The retaining should (be unbiassed, inatory. As the technology is not modified machine would advanced and to inhabit would be difficult should be to respect all gender and opportunities to all genders The great Challenges for Al equitably as & distribute possible to this problem technolody expansion of Al would be horizant not vertical, and dividends be equal. The horizantal Enable all countries to develop Al. The dilemma non-adopter from North exadicate

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The critics of use of Al argue that Al	
a sury me anemploy ment. This is	
proved 700 be a fact by many reserved	
as mentioned earlier. The lissue of	
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the impact of All. At one side and	
due 10 2 con 1065, while at a sil	
side, the technology of Mis	
many jobs in other sectors such as	
Compraction and fele com	
According (VCK in sec. Al has note to	
to create 400 \$750 million jobs	
in other sectors and increase GDP	
of countries 14% and \$13 trillion	
monetary growth all abound the	
world. Thus, assisting the labour	
to transferm from one one sector	
to an other will resolver unemployment	
issue.	
Jaan Tillian has given right analogies	
as he says, " Building Advance Al	
is like I laun ching a rocket. The	
first challenge in to maximize	_
the acceleration but once it starts	_
focus on steering Likewise,	

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the discussion concludes the same. At this stage Al is emerging with concerns such as negative Enternalities on non Al-adopter, the imminent threat to losing jobs, the widening gap between the North and the North and so on. With concern the impacts are visible as well as, like the emission of COzdwing Al training, the monopolization of markets by AI induced/equipmed companies, and the margalization of female genders. These are challenges like that of rocket. When the steering of rocket is controlled the problem is resolved Similarly, by Legislation on Al, transfer the technology from the Global North to Global South and retraining Al model for unbiased processing are Steering component. When all these AI to help human Kind. The challenge to humankind to use AI responsibly can be summed as: The real problem is not machine thinks, but whether man do (B.F Skinner)