

AI and the Future of Democracy: Exploring the Intersection of Technology, Politics, and Citizens Engagement in the Digital Age.

A- Introduction.

B- Deciphering AI and Democracy

BC- Exploring the Intersection of Technology, Politics and Citizens Engagement in the Digital Age through the lens of AI and the Future of Democracy

I- The Booming Future of Democracy in the Domain of Technology through AI

1- Industrial Efficiency

- i- Philips employing more and more Robots
- ii- Speedy computations

2- Medical Revolution

- i- AI algorithms interpreting labs and aiding in diagnosis
- ii- Reducing Health Burden

3- Educational Benefits

- i- Online learning through diverse sources
- ii- Chat GPT
- iii- Bots helping the needy students

4- Cybersecurity

- i- Malwares
- ii- Virus attack on Nuclear installations
- iii- Tool for Nonstate Actors.

II- Utilizing AI in Politics for the Bright future of Democracy

1- Virtual engagement with masses.

i- Virtual Jalsas

ii- Virtual speeches.

2- Online voting

i- True representation.

ii- Inclusive democracies.

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### 3 - virtual meetings of Diplomats

- i - Saving expenditures.
- ii - Helpful in war, natural disasters and pandemics.

### 4 - Deepfakes and Disinformation

- i - Upheaval in masses.
- ii - Spread of Propaganda.
- iii - Disinfo Lab: India's malicious designs.

### c) Citizens' Engagement via AI for prosperous Future of Democracy

#### 1 - Influential citizens through Social Media Tools:

- i - Facebook, Twitter, Instagram.
- ii - Case study: Boycott of Israel and its products.

#### 2 - Online polls

- i - Will of people.
- ii - Shape the policies of the administration.

#### 3 - Awareness of Masses

- i - Media-educating tool - Bots catering their clients.
- ii - Rallies worldwide for Climate Action.
- iii - AI: Building disastrous cities on the basis of projections.

#### 4 - Undermined Freedom of Speech

- i - Bots <sup>closely</sup> ~~observing~~ observing activities of citizens.
- ii - China's model.

### D - Way forward to Ensure Bright Future of Democracy through AI

- i - Strengthening systems to prevent cyber security issues.
- ii - Promoting soft image to shun away Disinformation.
- iii - Ensuring freedom of speech.

### E - Conclusion

The masters, at the peak of their inquisitiveness and climax of creativity, invented creatures having mindboggling capabilities of human intelligence and superfast abilities of carrying out endeavours in the blink of the eye. The Artificial intelligence is a revolution in itself and evolving day by day. It has innumerable advantages but can manifest its hazardous impacts as well. It is a tool with both good and bad sides and its utilization determines its implications. The world is embracing this technology gradually and it can prove fruitful in promoting prosperous democracy as its ambit is quite vast and can be made to use by promoting its technology in industries, medicine and education; utilizing it in ensuring truly representative democracies and inclusive politics and ensuring the engagement and active participation of the citizens to make them the true democracies. The future of democracy is optimistic through utilization of beneficial impacts of AI in technology, politics and citizens engagement while undermining its adverse implications and countering them effectively.

(AI)

The Artificial Intelligence is the super creation of the human beings in which he has endowed the machines with starting human intelligence. It has bestowed its marvellous capabilities on these inventions to think like humans and take decisions accordingly. It has a vast outreach and has reached every field through its tentacles touching every domain of human lives. It can also help in shaping the future of the democracy, that is the state of the government by the masses in which they feel heard and represented. The citizens influence the administrations to take decisions according to the popular will. The democracies promote freedom of speech, trade and services which brings prosperity and peace in return to the societies.

The bright future of future democracy can be ensured by the adequate utilization of AI in the domain of technology. The AI can bring in the industrial efficiency and enhanced productivity ensuing in prosperous economies. The Philips company has employed robots besides humans to enhance their proficiency. The robots are equipped with marvellous efficiency and minimum probability of error alongwith superfast capabilities of carrying out the tasks without getting tired. The industrial companies are also utilizing them for making speedy computational tasks which they can perform within a blink of an eye with a nominal chances of errors. Hence, not only relieving the burden of mankind but also adding to the productivity yielding trade benefits for the states ensuring prosperous democracies.

Similarly, utilizing the technological advancements in the domain of medicine not only ensure healthy population but also reduces the health expenditures and burdens on the economy. The healthy population ensures well sound people in both mind and soul, who can contribute adequately to the prosperity of the nation. Similarly, the AI equipped algorithms can aid the medical professionals in developing radiological reports and help in establishing the diagnosis on the basis of the information fed into the system. This helps in improving the health standard of the state along with reducing the burden of overwhelming patient load on the handful of doctors.

Furthermore, the educational benefits of AI technology can ensure literate and peaceful democracies. The teacher and the taught can utilize online mediums and tools for diversified learning. The application of chat GPT equipped with vast sources of knowledge and huge chunk of information can enable students to obtain data for fulfilling their tasks and assignments along with providing adequate and contemporary knowledge. Furthermore, the bots can pick the weak domains of the needy students and provide them with assistance in strengthening those areas and bringing them at par with their fellow students.

However, the cybersecurity is a threat to the booming democracy and must be countered. It is achieved through softwares and malwares. The technological advancements of AI also provide the opportunities to the rival states to further their interests of undermining their foes by

procuring virus attacks on the nuclear installations, freezing and jamming those systems and enjoying victory over their enemies. Furthermore, the globalization has resulted in borderless world where the non-state actors can do cyber attacks and do profound damage to the states that are targeted. If adequate cybersecurity is attained through utilization of technology of AI, better future of democracy can be envisioned.

The beneficial potential of AI can also be utilized for the bright future of democracy. It can manifest in the form of virtual jalsas where the masses sitting at the home can feel to be a participant of that gathering. The party of Pakistan Tehreek-e-Insaf utilized this particularity where AI generated speech of their leader and engaged their supporters. The political campaigns can also be propagated through virtual speeches where these speeches can be projected to the remote areas and their manifesto can reach the general public so that the masses can decide to elect the best representatives who can fulfill their interests and prosper the democracy.

Similarly, AI has endowed man with the blessing of online voting, the portal which ensures in electing the inclusive democracy and ensuring true representation by yielding free and fair elections. It also ensures facilitates speedy compilation of the election results. It also includes the capability of providing the platform for the citizens residing in the far off places of the globe to contribute to the election of their representative by utilizing their right

to vote and choose the leaders who can safeguard <sup>both of</sup> their interests outside and inside the country as well.

Furthermore, The AI has also introduced its feature where you can hold one on one virtual meet ups that can be utilized for the diplomatic negotiations and meetings sparing the need to travel miles away. It not only ensures political representation of a state but also saves expenditures. This new feature gives the feeling to the participants as if they are sitting face to face to each other. The AI technology has cut the distance and time and facilitated mankind in this domain. This incredible potential can also enable people-to-people interactions in the situations - which otherwise make mobility almost impossible - like war, pandemics and natural disasters.

Nevertheless, the <sup>control on</sup> technological advancements of AI in the domain of politics <sup>that</sup> encroach on security in the form of deepfakes. <sup>is necessary for bright future of democracy</sup> These are generated by AI empowered applications that closely observe the person and duplicate their gestures, body language, liping as well as voice tone making the general public unable to differentiate between the real and fake content. Hence, the ones generating the deepfakes can propagate their own interests while portraying it in some one others' shadow. It not only confuses the masses but can also cause upheaval among them. Furthermore, AI bots can also be utilized for spreading disinformation, the aim of which is to malign the image of the state by spreading propaganda against the state as India did to Pakistan through Disinfo Lab.

The AI era has promoted the status of the common masses to the influential citizens through social media applications like Facebook, Twitter and Instagram where trends influence the decision makers. These social media trends have become a new norm now-a-days and enable the voices of the public to reach the authorities. The boycott of Israel and its products after its brutalities in Gaza became famous through these social media apps and caused a great setback to KFC and McDonalds with their sales showing a downward graphs.

Similarly, the trend of online polls regarding any domain and any area of life are trending these days. It is also disseminated by the decision bodies in order to know the public opinion regarding any matter. It also enables them to choose the policies that do not conflict with the perceptions of the general masses. In this way, these online polls' data is compiled and assimilated by the bots and aids in formulation of people-friendly policies so that democracy can prosper in true sense.

Furthermore, the awareness of the masses can also be attained through AI so that citizens engagement for bright future of democracy is materialized. The learned citizens know what is good and right for them as well as their states. AI generated bots can somehow make analysis of the leanings and inclinations of their clients and present the relevant data on their newsfeed. This awareness resulted in world wide protests of the people who came on roads to

thrust their democracies in engagement in climate action through mitigation and adaptation. Furthermore, the AI is also stunning the mankind through its marvellous capability of creating out of imaginative creativity, for example, it has the ability to depict the disastrous cities affected by the horrors of climate change by merely assembling the <sup>future</sup> projections.

Furthermore, the AI in the domain of citizens engagement carries the adverse potential of undermining freedom of movement which must be checked to flourish a true and free democracy. The AI generated bots have been endowed with the capability of observing the activities of their clients closely and keeping a strict eye to counter bold narratives against the state's policies. China is also employing this technology to propagate its version of controlled democracy and keeping the data of every citizen in this regard.

The AI has a vast potential in ensuring a bright future of democracy but the hazardous impacts of this technology need to be curbed so that maximum possible benefit of this opportunity could be materialized. It can be achieved by strengthening the systems of preventing cybersecurity issues. Also, the propaganda and disinformation can be shunned away by portraying the soft image of the country. Further, the curb on freedom of speech should be lifted where criticism is only for the betterment of the states and must be accepted courageously.

The future of democracy is bright through the ample and appropriate utilization of AI potential in technology, politics and citizens engagement and reaping its benefits while shunning away its harmful implications. The way it is applied in various fields makes the difference. It <sup>is</sup> has a double-edge sword. The future of mankind is in AI and its proper usage; it must be incorporated in all spheres adequately and utilized for ensuring prosperous, peaceful and stable democracies. The ray of hope is the fact that the world is realizing its outreach and taking steps to bridle its adverse implications while harnessing its advantageous impacts to harness achieve optimistic future of democracy and peaceful societies.