

Areej Farooq

Batch - 53

MOCK EXAMS

English Essay

Write Essay.

Topic:

Artificial Intelligence and Governance:
Navigating the future of policy and
regulation.

Outline

1. Introduction

1.1. Hook, attention grabber

1.2. General statements

1.3. Thesis Statement: Artificial Intelligence and Governance navigate the future of policy and regulation. Using different AI based tools in overcoming issues of governance in the field of national security, climate issues, economic, social, political, Policy making, agriculture, justice, ^{regulation} and education sector.

2. Main body

2.1. How AI can be related

with Governance?

2.2. How AI can be helpful in Governance?

2.3. Major areas where AI could be helpful:

2.3.1. National Security as strong defense mechanisms using AI

2.3.2. Political Instability can remove through AI assistance

2.3.3. Economic crisis can be lowered through AI assistance

2.3.4. Climate related issue can be overcome through AI early detection of deforestation in particular area.

2.3.5. AI can play vital role in agriculture sector through modernizing irrigation method.

2.3.6. AI can be helpful in providing justice to public.

2.3.7. Better policy making through assistance of Artificial Intelligence.

2.3.8. Different tools used for regulating the public.

3. Conclusion:

3.1. Thesis restated

3.2. General Statement

3.3. Hook

The Essay:

AI is not a substitute of human intelligence; It is a tool to amplify human intelligence and creativity."

Artificial Intelligence (AI) is the most modern form of technology. It is still in evolving process. In history civilization were evolved with passing of time and become stable. Similarly, technology evolved and its present shape is Artificial Intelligence. Artificial Intelligence is defined as computer or automated computer that have ability to learn, think and perform tasks similar to as human do. Developed countries are completely dependent on AI based system. AI is present in every aspect of life. Developing countries are quite far away from AI based system, but now developing countries are also moving toward ^{using} AI based system in every field of life. AI can be used in Governance for betterment. AI can help in regulating the policies. It can be helpful in prediction,

data driven - decision making for good governance and policy making. AI can be used in Governance for policy making, law making in the assistance or by taking assistance through AI based tools. Artificial Intelligence can enhance human creativity and thinking ability. Sometimes, there are some complex decision making that human mind become unable to some extent here AI could be helpful in such cases. Artificial Intelligence can play vital role in navigating policy and regulation in the Government. AI can be helpful in many respects such as Political decision making, strong national security strategies, reducing climate changes severe effects, uplifting economic, policy making, and justice provision. It also helps in agriculture section, education sector for awareness purposes, and regulation sector through regulating institutions.

Firstly, question arises in mind How AI can be related with Governance? The answer is that Good Governance is truly based on good decision making, making

good policies that are based on large amount of data collected, balancing status quo in the society etc.

It also includes peoples harmony in the society that must be created by the government through their fine decision making policies.

For all these purposes to achieve it requires some assistance that can depict positive and negative effect / impacts on nation. Artificial Intelligence have that capability to depict both positive and negative effect of any policy, rule, law etc.

When policies are made by the government in Assemblies people gave different opinions on some issue then analysis is carried out and then decision making is being carried out. Artificial

Intelligence have capability to provide solution of given problem with accuracy and in minimum time. AI provide best possible

solution of any problem which can help legislator to make best possible policy for their public. So that they can uplift economy and make better

governance policies to implement. Therefore, in this context Artificial Intelligence can be related with Governance.

Secondly, How AI can be helpful in Governance? Artificial Intelligence can be helpful in governance in number of way. AI could reduce the time taking decision processes. It reduces the conflicts happens in parties over decision making *exemplie gratia* In Pakistan there was a matter of constructing dam but due to some parties interference it was canceled and up till now it is still under discussion ^{that} either it would be constructed or not? Therefore, in such scenarios Artificial Intelligence plays its significant role by providing best possible decision-making policy for government. In addition, AI saves time of government because In parliament long debates and speeches happens over one issue. When AI involved in government's policy making it also ~~reduces~~ and saves time of government. Therefore, in this regard AI can be proved help in Governance.

Thirdly, major areas where AI can be helpful in government are discussed one by one as follows;

First of all, Artificial Intelligence can be used as a strong defense mechanism for national security. At the start AI was introduced in

military field for defense purposes many AI based fighter

plans were made through Artificial Intelligence. Many AI based radar system and detection system were made for the security of nation.

AI based fighter plans and robots have ability to target their enemy exactly. AI is the best human intervention. AI

based system also saves the life of many soldiers who always stay at front line to sacrifice their life for the love of its country.

AI based Radar and detection system can have a capability to target its enemy at many km distance away. Therefore, in

this context Artificial Intelligence can be used as a strong defense mechanisms.

Secondly, Political Instability

can be reduced through AI based system. As there have many political parties in government. In parliament those parties have different opinion over any decision making process. It ^{causes} delays in the ^{effective} decision-making policies. which causes political instability. When all parties do not have uniform opinion over problem it will effect public and cause political instability. Political instability led country towards its downfall. Therefore, for avoiding such scenarios Artificial Intelligence could play a vital role by providing assistance over policy making, and reducing political instability in country.

Thirdly, AI can be helpful in economic uplifting. For uplifting any economy GDP plays important role. GDP depends upon ~~agri~~ agriculture. Artificial Intelligence plays vital role in agriculture and industrial sector.

Automation of Industries help to work fastly and accurately in minimum time which will result uplift of economy. In agricultural field new and advanced irrigation method can be used to increase the productivity of crops.

It can be possible through AI based system. Therefore, in this context AI can be proved helpful for economic uplift.

Fourthly, Climate related issues can be overcome through AI early detection of deforestation in particular area and many more. Climate changes have drastically impacted

the world. Through Climate change and global warming many issues and problems prevails such as floods, earthquakes, wildfires, dry spells and droughts, water scarcity, energy crisis and many more. With the help of Artificial Intelligence,

early detection of natural disaster can help to lower the destructive effects of climate change. AI can also be used to lower

the climate change ^{causes} reasons by creating such programs, robots that reduces the hazardous CO₂

emission and global warming. Through early detection of deforestation can help to grow more plants

and trees that lower the impacts of Global warming. Therefore

in this context AI can be

used to lower the harmful impacts of Global warming / Climate change.

Fifthly, AI can play vital role in agriculture sector through modernising irrigation method. In Pakistan, old and outdated irrigation method are used for growth of crops that are too much time consuming. AI based irrigation method can be used to save time and grow more and more crops in a specified time. With the help of AI essential nutrients are provided to the soil that ^{would} increase soil's production and growth in minimum time span. It will help not only agriculture sector it will increase GDP rate and it will also boost the economy of Pakistan. Therefore government must pay a their attention towards using AI based modern irrigation methods and techniques.

Sixthly, AI can be helpful to provide justice to public timely. Through AI based tools detection of crime can be made possible not only this there are different AI based tools that can

read mind of human. Through these equipments / tools justice provision could be made easy. Machine like

pulse rate detection and heart beat detection are used while investigation. Officers asked different type of questions from accused when heart beat of accused starts beating fastly on a specific question it depicts that he/she had some link with that crime.

This technique help police and investigating department to save time and provide easy justice to

the people. Criminal last phone calls, messages are also traced traced and their location can also

be detected through AI based system. Therefore, in these terms

AI can play vital role in providing justice to people.

Furthermore, AI can be used

for regulating the public. Different types of artificial intelligence based tools are available

for attendance purposer. It makes

people regulating. Different devices are used to scan people

visiting certain areas. It

regulates peoples. Therefore, Artificial Intelligence can be used for regulating peoples.

In conclusion, Artificial Intelligence and Governance navigate the future of policy and regulation by prediction, data based decision-making. No doubtly, AI have tremendous impacts if they are implemented exactly or accurately. Artificial Intelligence can assist government in every aspect of governance that can led any bad governance into good governance. Artificial Intelligence helps in security purpose to have strong security/defense mechanism, political instability can also be removed/reduced through artificial intelligence. Economic crisis, agricultural issues, climate issues can also be overcome if AI can is used efficiently. All the governance needs only to have better decision making developed countries are developed because of the uniformity in their decision making policies. When there are different types of opinion in government decision making process and people who,

case in the government wants that their opinion will be accepted it will cause a political and economic instability. Political and economic instability can be the root cause of decline of any nation or country. Government and different needs to realise the ~~the~~ importance of uniformity in opinion. So, here artificial intelligence can play its role in government to uniform their opinion over one table. Therefore, in the context Artificial intelligence and governance can navigate the future policy and regulation.