

The future belongs to artificial intelligence

## 1) Introduction

Thesis statement:-

With the evolving world the future now belongs to artificial intelligence. Its implications are widespread. Such as, in social, economic, security, environmental and even contemporary domains. This makes it a hallmark of the beginning of a new greater era.

## 2) Artificial intelligence a new path towards prosperity

## 3) Factors necessitating the claim that the future belongs to artificial intelligence

### 3.1) Social aspects of the future belongs to artificial intelligence

(i) Artificial intelligence incorporated in verticle farming counters food scarcity in a society



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(ii) An effective tool for learning, providing skills to an individual of society

(iii) Enhances efficiency of a person leading to reduction of time taken.

3.2) Economic aspects of the future belongs to artificial intelligence

(i) Artificial intelligence technology in factories boost productivity causing economic boom

(ii) Used by content creators in videography to earn a living from home

(iii) Artificial intelligence stocks show stable growth providing economic stability to investors.

3.3) Security aspect of the future belongs to artificial intelligence

(i) AI based surveillance fosters a safer community



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(ii) Enhance border security deploying AI driven robots

(iii) AI based warheads spreads deterrence amplifying national security

3.4) Environmental aspect of the future belongs to artificial intelligence

(i) Utilization of <sup>AI-powered</sup> smart emission system ~~driven~~ counters environmental degradation

(ii) Helps in predicting emerging vulnerable environment, inducing rapid action for its prevention

(iii) AI driven smart environment replicators boost tree production, controlling green house effect

3.5) Contemporary aspects of the future belongs to artificial intelligence

(i) Artificial intelligence based cars, prevents accidents, enhancing safety



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(ii) Smart prosthetic arms help people live a normal life

(iii) Artificial intelligence based court rooms grants rapid judgement saving time

#### 4) Conclusion



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Imagine a teacher who knows every book, speaks every language, has the solution to every problem and never tires.

That is artificial intelligence, which is limitless, accessible and a hallmark for the future. It has paved a new path towards prosperity for every nation around the world. There is an abundance

of domains in which AI contributes to back the claim of the future belonging to artificial intelligence. Considering the social aspects, AI induced vertical farming, helps in countering food scarcity within a society.

Furthermore, it is an effective tool for learning, which provides skills to a person of the society.

Moreover, it enhances efficiency of a person eventually saving time. Similarly, ~~it~~ AI contributes in economic aspects as well.

Such as, artificial intelligence technology in factories, boost productivity which causes economic growth. Plus, it is used by the content creators in videography, which helps them make a living from home. In ~~addition~~



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addition to that, AI based stocks show stable growth, ensuring economic stability to the investors. Another aspect is of security, AI based surveillance helps in fostering a safer community for the residents.

Along with that, it magnify's border security by deploying AI driven robots. Besides that,

AI based warheads spreads deterrence, ultimately amplifying the national security.

In line with the aforementioned aspects,

AI carries great significance in environmental aspects as well. Such as, the utilization of AI-powered smart emission system, which significantly counters environmental degradation.

Apart from this, it helps in predicting emerging vulnerable environment, which can then be prevented by rapid action. Similarly,

AI-based smart environment replicators helps in boosting tree production, resulting

in reduction of greenhouse effect. Considering

all of this artificial intelligence also has contemporary contributions. Such as, AI based

cars which prevent accidents leading to enhanced



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safety of the people. Moreover, smart prosthetic arms are a game changer for the special people to live a normal life. Lastly, AI incorporated court rooms grants rapid judgement with precision and saving time. Hence, one can say that, with the evolving world the future now belongs to artificial intelligence. Its implications are widespread. Such as in social, economic, security, environmental and even contemporary domains. This makes it a hallmark of the beginning of a new greater era.

Artificial intelligence is a new path towards prosperity. From living at the time of stone age, humans made inventions such as, wheel, bulb, telephone etc slowly walking on the path towards prosperity.

Similarly, in the present century, AI stands tall as the epitome of prosperity. As mentioned by Kevin Kelly in his book *The Inevitable: Understanding the 12 technological forces that will shape our future*, "Artificial



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intelligence is the future; the country that utilizes it most effectively will reach the pinnacle of prosperity." This signifies that artificial intelligence is definitely a new path towards prosperity.

To start, artificial intelligence has contributions in many aspects. Such as, the social aspect. AI incorporated verticle farming helps to counter food scarcity in a society. It uses advanced machine learning to calculate optimal factors which significantly boost food production. As stated by James Dazai in his article alleviating food insecurity, "By maximizing productivity on minimal area, ensuring resilience against climate shocks, and providing optimal environment, AI-driven verticle farming emerges as a solution for global food insecurity". Hence, AI is the future owing to its ability to counter food scarcity via verticle farming.



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Moreover, AI is an effective tool for learning which provides skills to an individual of the society. A person can use AI to learn skills such as, marketing, data ~~entry~~ entry, graphic designing etc. All of these can help in attaining jobs or even in <sup>establishing</sup> ~~establishing~~ ones own business by selling skills. As stated in the article **AI the ray of hope (Economist)**, "AI is like a teacher who helps an individual to acquire skills, commencing the march towards progression." This signifies the stance of how AI is an effective tool in acquiring skills for an individual.

Furthermore, AI enhances the efficiency of a person leading to reduction in time taken. It provides rapid solutions in every aspect with a variety of approaches for a person to choose from. According to the Journal of innovation and technology, "AI has improved efficiency of a person by 135% eventually saving time." Hence



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AI plays an important role in boosting efficiency of a person causing to save time.

Along with that, in the economic domain, AI technology used in factories boost productivity, ~~for~~ which fosters economic growth. Advanced factories incorporate robotics. This significantly boosts the productivity as compared to the traditional man managed machines.

According to Goldman Sachs research paper AI boosting GDP and productivity, "the factories show an average productivity increase of 25% following AI adoption." This signifies how factories can experience a notable increase in economic growth with AI integration.

In addition to this, content creators use AI-tools in videography to earn a living from home. For a widespread reach aesthetic content is required. With AI tools such content is developed to make it pleasurable for the viewer. According to Wondercraft 2025, "Over 80% of content



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creators are using AI for a higher view reach, which helps them earn more."

Hence, AI is a game changer for content creators, enabling them to earn from home.

Similarly, AI stocks show stable growth which provides economic stability to the investors. Since the creation of AI, stock market have been seen to be dominated by tech giant companies. Owing to the large consumer base and its adaptability to any sphere of domain. AI stocks remain stable and growing. For example, "Open AI stocks have surged upto 167% over the last 5 years, giving great economic returns to the investors". This shows how investors are seeking great returns with lower risks in AI stocks.

Besides this, AI also dominate the security aspects. Such as, AI based surveillance fosters a safer community. With the advance motion detection and facial detection softwares,



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Speedy actions are taken. This deters crime and ensures optimal security for the people of a community. For example, "safe city projects in Lahore and Islamabad improved crime detection via AI surveillance, ensuring a safer environment." Hence, AI surveillance helps to establish a safer community for the residents.

With that being said, it also enhances border security by deploying AI driven robots. Currently the world is engulfed in fifth generation warfare. This necessitates utilization of AI to enhance border security; preserving a country's sovereignty. As stated by Ronald Atkinson in his article The new warfronts, "AI is the future even in wars, adoption of AI-driven tech is not an option but a need of time." This signifies the use of AI driven robots to ensure security at borders.

Nevertheless, AI based warheads spreads deterrence and amplifies national



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Security. The hard power of a state prevent non-state actors from causing trouble within a country. For example, in the recent escalation between India and Pakistan, owing to the cruiser PL-15 missiles, Pakistan endorsed a crushing defeat to India.

By crashing 6 of its air aircraft, preserving its national security". Hence AI driven warheads are a great tool for enhanced national security.

Plus, considering the environmental aspects, the utilization of AI powered smart emission system, helps in counteracting environmental degradation. Environmental damage is catalyzed by emission of  $\text{CO}_2$ . But with smart emission system it can be reduced. As stated by Josh Sanders in his article Preventing environmental chaos, "Smart emission system help in reducing emission by 28%, Lowering strain on environment." Hence, environment can be protected and saved by smart emission technology.



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Moreover, it helps in predicting emerging vulnerable environment which then could be prevented by rapid action.

AI powered drones can identify such areas and predict endangered ones with analysis. As reported by Sam Kalzen in his article AI for peace, "If AI-driven drones can be used by states to grow hard power, why not use it as a mean for peace in countering environmental loss, giving birth to a safer ecosystem." Henceforth, AI is a great asset which can counter environmental issues within a vicinity.

Furthermore, AI driven smart environment replicators can boost tree production which causes reduction in green house effect. Trees are the primary source to absorb  $\text{CO}_2$ , which is a green house gas, from the environment. AI modelled replicators, create optimal environment for trees to grow at a faster rate. According to the company



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Elixir of life, "Environment replicators show a boost of 15% in tree production and growth." Hence, greenhouse effect can be countered by AI models; this shows that the future truly belongs to artificial intelligence.

Similarly, in contemporary aspects, AI based cars prevent accidents, ensuring the safety of a person. With the usage of smart radar system it calculates the risk and alerts the driver before hand of any obstacle or negligence at the part of the driver. For example, Elon Musk's Tesla car prevents users to remove hand from the steering even during autopilot. This ensures greater protection to the users. Hence, AI based cars ensure safety of a person at the fullest.

In addition to that, smart prosthetic arms help special people to live a



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normal life. It is not only a robotic arm, rather it replicates the original hand, which learns from user experience. As mentioned by Survey of rehabilitation and health in Texas, "Users having prosthetic arms consider it to do all the tasks a normal hand can do."

This ensures that AI is a revolutionary invention for the people to live a normal life ~~thru~~ using prosthetic arms.

Furthermore, AI based court rooms grant rapid judgement and save time. It can filter out unreasonable petitions, categorize cases and assign them to appropriate courts. Along with that, it can provide draft judgement, enabling the judges to focus only on critical thinking to execute judgement. As mentioned in the Economist article Robotic justice: China's use of smart courts, "AI courts in Beijing have been used in lower courts, leading to an average case disposal from 3 months to 10 minutes." Hence, AI based courts



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not only grant ~~rapid~~ ~~judg~~ precision  
but also rapid judgements that saves  
time.

To conclude, in the evolving world  
AI is bringing a revolutionary change.  
It ambit falls on multiple aspects.  
Such as social in alleviating food scarcity  
via verticle AI based farming, providing  
skills to an individual and boosting efficiency  
of a person. Moreover in economic domain,  
it boost productivity in factories, used  
in videography, and exceptional stock growth,  
which brings monetary gain. Furthermore,  
it is used in communities for surveillance,  
at borders via robotics, and in warheads  
to push security at its peak. Along  
with that in enviromental aspects it is  
used to counter emission, predicting  
vulnerable enviroment and boosted  
tree production to promote biodiversity.  
finally, in contemporary world it contributes  
by making safer cars, ~~in~~ prosthetic army



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for people to live a normal life and  
in court rooms for rapid judgements.

All of these combined proves the  
stance that the future belongs to  
the artificial intelligence.