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# Artificial Intelligence: A Helping Hand in National Security

– Aamna Shahab

Bachelor of Computer Applications, (BCA) 6th Semester, Amity University (AIIT), Noida

[@lamaamna](#) [ID https://orcid.org/0000-0001-7861-6014](https://orcid.org/0000-0001-7861-6014) [✉ aamna.shahab10@gmail.com](mailto:aamna.shahab10@gmail.com)

Artificial Intelligence (A.I) is the hot topic for all tech savvy's these days but many are still unaware that how A.I is helping in increasing the cybersecurity.

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## Introduction

For many, the concept of A.I is unclear. Through a survey, it was seen that when 1700 senior business leaders in the U.S at the point when the information was asked about AI, just 16% said they knew about it.

The effect of AI on their particular companies was unknown to them, despite the lack of familiarity this technology is transforming every single person's life. It is a tool which is wide-ranging also, enables how we to dissect information and utilize the subsequent bits of knowledge to improve basic leadership. It is as of now changing the world in ways which people are unaware about.

To maximize AI benefits, we must look at the following chart.



Fig 1. Maximizing benefits of AI

### What is AI and the Dangers Associated with it?

AI refers to “machines that respond to stimulation consistent with traditional responses from humans, given the human capacity for contemplation, judgment and intention.” [1]

The dangers with digital security aren't simply money related, even though that aspect can be destroying. We've all heard the tales of significant retailers and card organizations getting hacked for taken account numbers and private data.

### How is AI Influential?

As AI will influence the pace of warfare, the multiplication of cyberattacks just as polymorphic malware will challenge even the most advanced signature-based cybersecurity. Driving huge improvement to existing protections on digital data. Significant frameworks are relocating progressively and will move to a layered methodology of cybersecurity with cloud-based psychological AI stages. This will play a guarded mechanism through the preparation of known dangers. Counting DNA-level analysis of

manner halting it. Some U.S based frameworks quit crippling “Petya” and “WannaCry” viruses through this methodology. Safeguarding basic digital systems must turn into a high need since Russia, North Korea, China and so forth are placing essential assets into AI.

### Conclusion and Future Scope

The world is on the precarious edge of redesigning numerous parts through AI, yet the manner in which these frameworks are created should be better perceived because of the significant inclusions these advancements will have for society in general. It implies how the issues are examined, how legitimate truths are settled and how much smoothness is there in the AI data-analysis solutions. They should be better comprehended on the grounds that they have an impact on people in general and for what's to come. It might be an upheaval in human exercises and become single most noticeable human advancement in history.

### References

- Shubhendu and Vijay, “Applicability of Artificial Intelligence in Different Fields of Life.”



Fig 2. AI and CyberSecurity (Image by: ThinkStock)

obscure code, with the probability of perceiving vindictive action and in this



**Aamna Shahab** is a student of Amity University, pursuing her bachelors in computer applications (B.C.A). She has always been inquisitive about technology and programming. She has made android applications for food delivery services, weather services etc. with her team of developers. She has written a chapter with her mentor Dr. Neetu Mittal, titled “A Novel IoT Access Architecture Energy Efficient Solar Battery Charging System For Mobile Phones” for the Taylor & Francis Group, Scopus indexed giving her a cutting edge towards her chapter publishing road. She also has a patent concerning solar charging and wireless power transmission. She looks forward to innovating, research and develops something so powerful and useful for people to make lives easier.

[✉ aamna.shahab10@gmail.com](mailto:aamna.shahab10@gmail.com)

## Annexure I

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## Reviewers Comment

**Review 1:** Artificial intelligence is a branch of computer science that aims to create intelligent machines. It has become an essential part of the technology industry.

**Review 2:** In current scenario we have many leading face recognition software's EXP:-: Amazon Recognition, Face Detection by Lambda Labs, Microsoft Face API, Google Cloud Vision and IBM Watson Visual Recognition, among others.

**Review 3:** Amazon has also Discover the face recognition. It offers "Rekognition" - a facial recognition tool that has been used to spot criminals. According to NCRB, the Automated Facial Recognition System (AFRS) to be implemented that would help in automatic identification and verification of persons from digital images.



## Editorial Excerpt

This Article has 8% plagiarism, which is accepted as per the norms and standards of publication for the magazine. The comments related to this manuscript are noticeable related to the theme "Artificial Intelligence in the Current Scenario" both subject-wise and research. It is an area of computer science that emphasizes the creation of intelligent machines that work and reacts like humans. It properly analyse the Speech recognition, Learning, Planning, Problem solving. All the editorial board and reviewers' suggestions had been incorporated in the article and the manuscript had been earmarked and finalised to be Published under "View Point (VP)" Category

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Aamna Shahab  
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