

# AI APPLICATIONS

**G. P.**

Definition:

- Artificial intelligence (AI) is the theory and development of computers to make them think and behave more like people.

The technology is designed to perform tasks that usually need human intelligence, such as decision making or understanding speech.

Different fields where AI can be applied:

## *Finance*

- The field of finance has leaned heavily into the use of AI at every level.
- Customers can take advantage of AI to get information about their banking and investment accounts.
- Banks and credit card firms rely on AI to detect changes in transaction patterns to catch fraud in action.

## *Healthcare*

- As artificial intelligence has grown more accurate, it's made its debut in the medical field as well. On the less interesting side, AI helps administrators process data, schedule meetings, organize files and transcribe medical notes.
- For more eye-popping illustrations of applications of artificial intelligence, consider how robots rely on AI to automate surgeries. Machine-led surgeries are more precise and less invasive, have a smaller margin for error and can run 24/7.
- AI can assist in medical diagnoses by tracking health using wearable devices and indicating problems before patients are aware. Some programs have also adopted AI to help interpret body scans (like MRIs) to detect harmful growths with greater speed and accuracy.

## *Education*

- While education is still dominated by human personnel, artificial intelligence helps boost educators' potential. Often, AI is used to facilitate automation in repetitive and data-heavy tasks, like:

- a) Grading homework
- b) Scheduling meetings
- c) Managing multiple online courses at once
- d) Sending personalized communications to students
- e) Creating or digitizing lectures and study guides

### **APPLICATION OF AI:**

#### **SIRI**

Launched in 2011, Siri is widely considered to be the OG of virtual assistants. By this point, all Apple devices are equipped with it, including iPhones, iPads, watches and even televisions. The app uses voice queries and a natural language user interface to do everything from send text messages to identify a song that's playing. It can also adapt to a user's language, searches and preferences over time.

#### **ADVANTAGES:**

- ✚ Siri is no doubt one of the most valuable features on Apple devices. With her ability to quickly find answers to complex questions and anticipate what users are looking for, she has been a valuable asset to many. She gets smarter every day, the more you use her, the better she understands what you're asking for.
- ✚ Easy to Use: Siri is the perfect sidekick for the busy modern individual. With Siri, there's no longer a need for frustratingly long searches online or rifling through pages and instructions - just ask and go about your business! One significant advantage of using Siri is that it's straightforward to employ. All you have to do is press a button or even call her by saying "Hey Siri" and ask your question, and it takes care of the rest, providing you with an answer almost immediately. This feature makes it easier to get things done quickly, allowing you to focus on more essential matters throughout your day.
- ✚ One massive advantage of using Siri is its ability to translate into multiple languages. Its intuitive design allows users to switch from language to language, ensuring you get the best results from your queries no matter which language you prefer. Even those who are not native English speakers can use

and understand the app, as it offers translation services across various languages.

- ✚ It is a beneficial tool for people who speak multiple languages or those travelling to other countries who want a reliable way to communicate with others in their native tongue. Thanks to Siri, sharing has become much easier regardless of spoken language.
- ✚ Siri has become a must-have device for many homes around the world. Its impressive range of functionalities makes it an indispensable part of our lives. One significant advantage of using Siri is its tremendous versatility, as it has numerous features that can come in handy for various tasks.
- ✚ Siri can help organize your day by creating reminders and calendar events, giving directions with Apple Maps, and finding local points of interest such as restaurants and stores nearby. It can also answer questions, control home automation devices, give sports scores and weather updates, play the music you request, offer investment advice and much more.
- ✚ Whatever task one needs to accomplish or question one needs answering, Siri has the answer or ability to perform it.

#### DISADVANTAGES:

- Siri is a widely used voice assistant, but some users find that they have negative experiences with it. For example, one disadvantage of using Siri is its listening problems. Many users have experienced poor responses and, in some cases, even complete misunderstandings because of the difficulty in picking up the right words and phrases.
- Additionally, this issue can be amplified due to the accelerated speech used by some users and background noise in environments such as busy streets or loud bars. Furthermore, regional accents can sometimes lead to problems since Siri's recognition relies heavily on pronunciation.
- One undeniable disadvantage of relying on Siri is the potential breach of privacy. Those who use Siri through their phones are essentially giving access to all sorts of sensitive information that could be vulnerable to security breaches. Although it might be helpful in getting answers and making things a little more convenient, users must ensure their data is safely guarded to prevent unscrupulous individuals from accessing personal information that could be misused. Unfortunately, Siri may require some users to sacrifice privacy if they want to take full advantage of its capabilities.

Overall, Siri can be very beneficial in certain situations. Using Siri can help speed up tasks that usually take time, such as looking up directions, setting timers and reminders, or checking the weather forecast before leaving the house. It can also be helpful if you are in a situation where your hands are full but need access to information, as Siri allows users to use voice commands rather than typing on a device.

Additionally, having easy access to information with just a few words makes life much easier and more efficient. Whether Siri is something you should use or not should be decided on an individual level since everyone has different needs for their lifestyle.

Taking everything into consideration, Siri can be both a fantastic and frustrating tool. The next time you consider using her – or any virtual assistant, for that matter – think about whether the task is worth your time investment. If it is, go ahead and ask away! If not, maybe just stick to the old-fashioned way of doing things...

#### **SOURCES:**

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