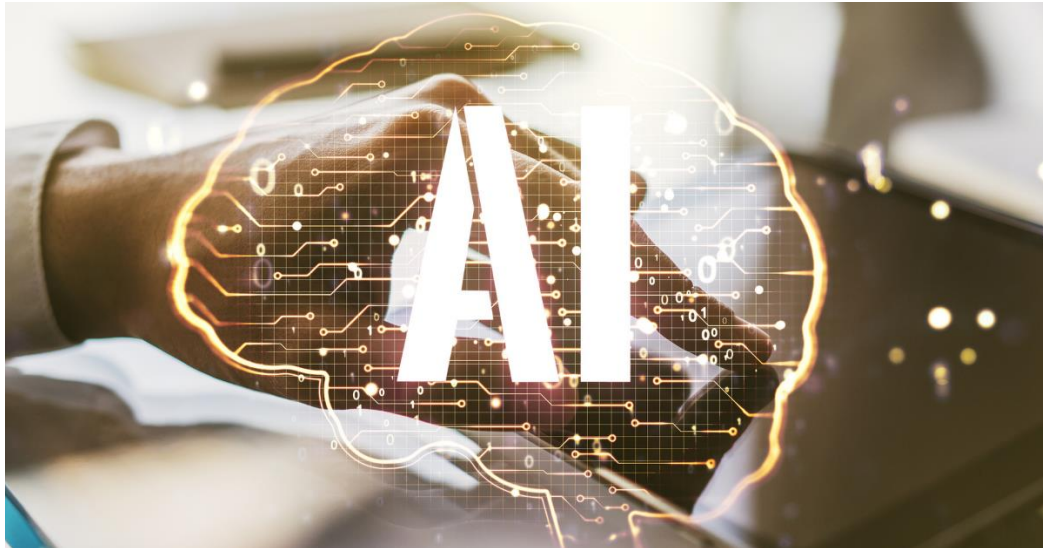# Benefits of Using AI for Enhancing IT Services and Products

by **Satya K Vivek** | March 25, 2022

Artificial intelligence has been around for quite a while now, and is witnessing increased deployment in several industries. Needless to say, the IT sector is one of the fields where AI finds the most usage. IT services and AI are now blending to revolutionize businesses, industries, and even economies. Leveraging AI allows an outsourcing company to greatly enhance their IT services and their clients can benefit from enhanced products and services. When executed well it can help to get ahead of the competitors.

Role of artificial intelligence in IT services and products

So, what role does AI play in shaping IT services and products? Well, artificial intelligence primarily facilitates automation, besides related applications like NLP. The integration of AI in IT products and services benefits IT companies as well as their customers. Overall, it ensures proactive resolution of issues and a more personalized experience.

Key advantages that businesses can enjoy upon incorporating AI in their IT services and products are:

Boosting operational efficiency
One of the biggest benefits for businesses is the increased efficiency ensured by AI technologies. Automation is one of the most common applications of artificial intelligence and boosts the operational efficiency of a business significantly. Rather than relying mostly on manual IT services, businesses can deploy AI to handle a bulk of the work. This not only speeds up the operations, makes work easier but also helps to reduce costs. Thanks to the reduced workload, employees can divert their attention to other tasks and be more productive.

Better Risks Management

Efficient and timely risk management is crucial to business continuity. However, when it comes to IT products and services, risk management depends largely on data analytics and management. With AI-powered tools, businesses are in a position to proactively identify and respond to many risky conditions with speed and effectiveness. Such automated risk management significantly reduces or eliminates impacts from risks. Moreover, businesses can leverage machine learning and AI to prepare a rapid disaster recovery strategy.

Eliminates costly unplanned downtime
Downtimes can prove to be rather expensive for any business, especially if it relies on round-the-clock operations. While downtimes occurring as a result of planned upgrades or maintenances aren't as harmful, unplanned downtimes can be devastating. With the use of AI and predictive analytics, it is possible to identify potential issues early and prevent them from resulting in downtimes. AI solutions can greatly eliminate costly downtimes, protecting businesses from losses.

Improved cyber security for IoT based applications
IoT is finding increased implementation across businesses from a diverse range of industries. Indeed, IoT offers huge advantages and is rather indispensable for larger businesses trying to stay competitive. However, this also opens up more opportunities for cyber attackers, and in turn, requires businesses to implement countermeasures. AI combined with Machine learning plays a crucial role in meeting the cyber security requirements.

Conclusion
Overall, the use of AI can give a business a major advantage in terms of the quality, reliability, and efficiency of IT services. The perks of AI in IT products and services certainly haven't gone unnoticed, considering the rapid adoption of AI solutions by businesses. It might not be long before IT service implementations not using AI technologies.

Gadgeon Systems Inc.