

PROPOSED STRATEGIC FRAMEWORK FOR EFFECTIVE ARTIFICIAL INTELLIGENCE ADOPTION IN UAE

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ABSTRACT

Artificial Intelligence is a significant technology that boosts the daily activities of social and economic life. The current study suggested a strategic framework for effective artificial adoption which is a requirement for successful business outcomes. This study is exploratory because of the contemporary phenomenon. The two types of artificial intelligence explored in this study are weak artificial intelligence and strong artificial intelligence. Artificial intelligence is not only restricted to science-fiction. The impact of Artificial Intelligence can be witnessed in the daily life routine while using voice-powered smart gadgets, for example, SIRI or Google Assistant helps to track or manage the information while using the gadgets. Artificial Intelligence has proved its significance around the globe by proving its impact on the social, educational, personal, professional, national, international, and political levels.

Keywords: Strategic Framework, Artificial Intelligence, Strategy, AI Adoption

INTRODUCTION

Artificial Intelligence is a significant technology that boosts the daily activities of social and economic life. It has positively influenced economic growth by solving several social obstacles. Recently, Artificial Intelligence has magnetized the attention of many developed and developing countries such as The United States, Europe, India, China. The main focus is on the development of Robotic Technology and Intelligence Information Technology. Even though the latest Artificial Intelligence Technology has surely excelled in obtaining specific models, there are numerous restraints. Many Intelligence Information Technology models require a self-idea function, rely on big data, and are complex (Lu et al. 2018; Tegmark, 2016).

TYPES OF ARTIFICIAL INTELLIGENCE

Artificial Intelligence is identified as Narrow Artificial intelligence or weak Artificial Intelligence, which helps to execute some narrow tasks such as car driving, searching on the internet, or facial recognition. Whereas, many researchers have a long-term objective to design General Artificial Intelligence which may help humans to outperform every cognitive task. However, Narrow Artificial Intelligence helps humans in performing specific tasks such as playing games or performing calculations (Tegmark, 2016). General Artificial Intelligence is considered as the final objective of researchers, whereas Narrow Artificial Intelligence explains what we are using today, the specific technologies which cannot perform out of their scope (Corea, 2019).

Artificial Intelligence Popularity Worldwide

Artificial intelligence is not only restricted to science-fiction. The impact of Artificial Intelligence can be witnessed in the daily life routine while using voice-powered smart gadgets, for example, SIRI or Google Assistant helps to track or manage the information while using the gadgets (Koch, 2018). Artificial Intelligence has proved its significance around the globe by proving its impact on the social, educational, personal, professional, national, international, and political levels (Hagerty & Rubinov, 2019; Omar et al. 2017; Wright, 2018; Feldstein, 2019).

The UAE Artificial Intelligence Strategy

The Vice President, Prime Minister and Ruler of Dubai “His Highness Sheikh Mohammed bin Rashid Al Maktoum has introduced the first Artificial Intelligence strategy of the UAE, establishing the latest stage of innovation built on Mobile Government. The strategy is believed to be the first of its category worldwide, and the world will witness that advanced Artificial Technology will help to boost the performance and efficiency of the government (Halaweh, 2018).

The main areas of Artificial Intelligence strategy are:

Artificial Intelligence in Education

Artificial Intelligence has a positive effect when it is used to enhance understanding of human needs, and in enhancing human learning and knowledge. This recommends a typical rule of managing humans in the circle of the educational area where artificial intelligence is implemented (Tuomi, 2018; Luckin, 2017; Marwan, 2019).

Artificial Intelligence in Transportation

The implementation of Artificial Intelligence in the transportation sector is intended to face the challenges of intensified demand for traveling, security fears, CO2 radiations, and ecological degradation. As a great amount of Qualitative and quantitative data is available in this technological era, it is very important to process it efficiently and effectively (Abduljabbar et al., 2019). The main areas where these technologies are implemented are: “Vehicle Control. Traffic control and prediction, road safety, and prediction (Machin et al., 2018).

Artificial Intelligence in Technology

Mobile and the wireless system have become a vital part of social infrastructure, which helps in digitalizing the economy and mobilization of daily life (Cayamcela & Lim, 2018; Aghion et al., 2017). In this rapidly changing environment, communication is an essential part of the daily routine. Recent advancements in Artificial Intelligence technologies are allowed to act as communicators. People can routinely chat with Apple’s Siri, Google Assistant, and other digital assistants (Guzman & Lewis, 2020).

Artificial Intelligence in Space

Recently, artificial intelligence technology has been implemented in the whole aerospace community. Artificial Intelligence is developing rapidly due to evolutionary calculations, swarm intelligence, cloud computing infrastructure, technologies of fuzzy control systems, and many more. The latest communication systems for space are developed by incorporating hi-level

software to perform space missions and experiments. Satellites can easily control the systems by decision-making procedures in real-time with the use of Artificial Intelligence system. (Soroka & Kurkova, 2019).

Artificial Intelligence in Energy

In this technological era, the idea of a “smart residential community” is offered which consists of local users and a logical energy pool, where people can freely trade with local energy and can adopt cheap and renewable energy. The installation of new energy generation equipment can be evaded as well. With the use of renewable resources, the local energy pool can help to produce additional energy (Zhou et al., 2019).

HOW CAN AI SUPPORT ORGANIZATIONAL NEEDS?

It is very beneficial for businesses to observe through the lens of business abilities instead of technology. Generally, Artificial Intelligence can help the following three vital business requirements: (Davenport & Ronanki, 2018).

Business Process Automation

Digitization is irresistible and modifies the market in business sectors. Manual workflows based on paperwork reduces the production of companies (Scheer, 2017) The business should organize its internal procedures in an excellent way (Paschek et al., 2017). “Robotic Process Automation” tends to be the software-based solution to regulate business procedures that include daily tasks, systemized data, and determining results (Aguirre & Rodriguez, 2017).

Gaining Insight through Data Analytics

Information plays an important role in the decision-making process on the operational, strategic, and tactical stages. Even though the volume of data engendered and collected through enterprises is raising quickly. Big Data Analytics can be explained as the use of the latest statistics to any type of saved electronic communication, which may involve “messages, updates, images posted to social networks, readings from sensors, and GPS signals from cell phones (Kache & Seuring, 2017).

Cognitive Customer Engagement

With the rapid advancements in the technological fields, businesses have started to maintain personal connections with the customers, brands are gradually pursuing to maintain a connection with the customers on the digital mediums. On several platforms, a broad range of communication procedures is introduced, for example, consumer feedbacks, sharing videos of the brands on social media platforms, creating blogs, etc. (Eigenraam et al., 2018). With the rapid development in technology and digitization, social media platforms act as an important medium used by consumers to spread the information about the products in both Businesses to Business and Business to Consumer organizations (Pansari & Kumar, 2017).

Intelligent Agents

Most consumers like to commence group-based online shopping. Intelligent agents can help to negotiate efficiently to lessen the efforts while collecting the purchaser’s information,

cost of transactions, and sellers' negotiation. Intelligent agents can help other models other than C2B where negotiation is required between buyers and sellers (Liang et al., 2019).

Product and Service Recommendations

With the emergence of artificial intelligence, production, and service recommendation systems have evolved that for organizations that increase sales, personalization, and engagement using easy to understand images and languages. With the rapid advancements in artificial intelligence, many concepts and priorities have been developed to enhance product selling management (Singh et al., 2019).

Health Treatment Recommendations

In this technological era, patients can interact with the chatbots developed for urgent medical diagnosis, these chatbots are equipped with artificial intelligence and can interact like humans with a series of questions to determine the cause of illness and its treatment. The system is very beneficial for daily check-ups, helps people to get awareness about their health, and motivate people to maintain a healthy lifestyle (Mathew et al., 2019; Ashwinkumar & Anandakumar, 2012).

FAQ Chatbots

FAQ chatbots can answer frequently asked questions related to a specific or product or service. Recently, FAQ Chatbots have gained immense popularity. FAQ Chatbot development requires a full-fledged team consisting of various specialists such as software designers, dialog assistants, business experts, and other resources (de Lacerda & Aguiar, 2019; Shawar & Atwell, 2007).

Cognitive Employee Engagement

Algorithm management is the second term used to define the Artificial Intelligence to manage employees. The first reason is firms can have easy access to a large amount of data related to their business affairs which can be utilized to achieve an efficient decision-making process. Secondly, advancements in Artificial Intelligence allow organizations to process the data in real-time (Hughes et al., 2019).

Employee Benefits

Employee benefits have a significant effect on the physical and emotional engagement of employees. There is a direct influence of employee benefits on the cognitive engagement of employees (Alvi et al., 2020). In this technological era, online survey systems have been developed to easily recognize the needs of employees regarding their working in the organization (Kang et al., 2016).

IT Support

The application of Information Technology helps to enhance the employee management system. Employee performance, employee emotional stability, the productivity of employees is measured by using Information technology techniques. A large amount of data can be processed by using software developed for organizations to sustain the performance of their employees (Kamatkar et al., 2018).

Company Operational Dashboards

An organization needs a clear and integrated vision. Swift decision-making, to enhance the efficiency of the organization by gaining high profits and reduced expenses. An example is a google form created to commence the surveys and data is stored in the google drive. The updated data is then processed in Microsoft Excel in real-time by using Power Query, the final dashboard is a revitalized excel file stored again on the Google Drive (Freitas & Alturas, 2018).

Recruitment Screening

The increase in the selection tools provided by Artificial Intelligence has proved to be effective in the recruitment process. Candidates may have a negative impact on the Artificial Intelligence- based recruitment process. Artificial Intelligence-based recruitment depends on the candidates' reliability on advanced technology. Organizations should properly manage their Artificial Intelligence-based recruitment systems to conduct a fair recruitment process (Lee et al., 2020).

HR Policies

In the modern era, the Human Resource Information System has a significant role in the decision-making procedure for efficient Human Resource Management. A semi-structured and unstructured process of HR decisions can be attained by adopting an Intelligent Decision Support System (IDSS) with the combination of the Knowledge Discovery Database (KDD) (Masum et al., 2018).

Robotics and Cognitive Automation

Robotic Process Automation (RPA) is a recent trend in advanced technologies. Robotic Process Automation is the most recent development in the areas of computer science, information technology, mechanical engineering, communications, and electronic media. It can add instantaneous value to the organization procedures, like employee salary management, new recruitments, inventory management, installation of software, status changes of employees, data immigration, and vendor onboarding, etc. (Madakam et al., 2019). Some of the tasks performed at the back end of these applications are:

Data Transfer

In business procedures like gathering and accumulating data from customers, updating data, capturing competitors' pricing strategy, and backing up the data form client systems can be easily done by Robotic process automation applications. A smart automation system helps to record and carry out the procedures swiftly and precisely. Robotic procedures can be explained as a visual process with a single mouse click. It can automate the diversified scripts. (PremaLatha et al., 2020).

Customer Communications

The automation of communication in business is boosting productivity and reducing the expenses of the organization. This channel appears to be the best communication method to attract customers, automated chatbots are easy to handle and can perform functions quickly. With the invention of smartphones, the internet market has moved from existing internet browsers to smartphone platforms and a variety of applications (Heo & Lee, 2018).

Reconciled Billing

A centralized billing system allows us to collect the billing information related to the services or products being provided. The centralized billing system allows us to make transactions between the customers and businesses associated with the mobile devices and the business systems based on the reconciled bill information. It helps to extract information related to services from multiple systems and generate bills (Simpkinson, 2018).

Legal & Contracts NLP

The use of Natural Language Processing with artificial intelligence is used in legal procedures. There are five domains of legal activities where natural language processing is playing an important role:

- Legal Research: Searching for information related to a legal activity
- Contract Review: Ensuring that there are no risks or incompleteness in the contract to avoid risks
- Electronic Discovery: Confirming the related documents can be furnished on request
- Document Automation: Creating regular legal documents
- Legal advice: Use of query related tasks to provide reasonable advice (Dale, 2019).

Cognitive Insights

Researchers have highlighted the important role of information technology in the improvement of information flows in the process of supply chains. Information about the buyer-seller relationship has an important role. Technology has modified the ways of information exchanging procedures from traditional paper-based methods to electronic storage methods. The “smart business analytics” has generated such applications which are based on machine learning by performing business tasks instantly (Handfield et al., 2019).

Shopping Basket Analysis

Recently, shopping market analysis grabbed the attention of retailers. Advanced technology has made it easier for the organization to collect the data related to the purchase behavior of their customers. The information helps the organizations to introduce promotions, to set the pricing strategy, and provide customers with the best services (Gangurde et al., 2017).

Fraud detection

Financial fraud is an immensely growing activity faced in business transactions. Fraud detection becomes difficult because of two basic reasons: the profiles of original people and duplicitous people change repeatedly and secondly credit card information records are unbalanced. the utilization of fraud detection techniques in credit card transactions is highly impacted by the sampling method on the dataset, extraction of variables and detection method used (Awoyemi et al., 2017) The outline of the fraud detection algorithm is a difficult task with the dearth of real-time transactions because of security and contrasting openly available data sets (Dhankhad et al., 2018).

Safety and Quality Analysis

Safety and quality are the main concerns for the governments and the automobile sector (Koopman & Wagner, 2018). Main open technical problems involve validation of inductive learning in the modern environment inputs and attaining good levels of reliability needed for complete fleet formation. Moreover, the significant challenge may be the creation of end-to-end structure and formation procedure that enhances the safety concerns limitless technical specialties into a combined approach (Koopman & Wagner, 2017).

Targeted Digital Ads

Furnishing information to general people using digital media has now become a very significant method for all types of businesses. This medium can be utilized for advertisements and non—commercial information (Sandkuhl et al., 2019; Albayrak et al., 2019).

Actuarial Modelling

The advanced systems adopt segmented data into incremental algorithms and use the data to present more detailed information. Detailed information enhances the accuracy of forecasting and is also utilized for predicted beneficial markets to enter (Rabinowitz et al., 2020).

Proposed Strategic Framework for Successful AI Implementation

Artificial Intelligence is being adopted by many companies' we suggest a strategic framework that provides guidelines for the organization to implement Artificial Intelligence successfully. Our model is comprised of eight inter-related business areas. These eight business areas are combined resulting in four groups. Each combination influences each other in a certain way as any single method cannot achieve without the support of others. When these four groups are combined they appear as an Artificial Intelligence implementation cycle which presents a strategic framework for successful implantation of strategies.

- **Understanding:** Artificial intelligence is being adopted in all the domains of human and business activities. Even though significant advantages gained from artificial intelligence technology has been broadly analyzed in the recent literature, there is still a significant need to understand how artificial intelligence can be applied to function properly and in a way to increase the satisfaction levels of customers and productivity of organizations with following the regulations. Firms need to understand the abilities and limitations of Artificial Technologies involving the domains which are responsible for business development. This understanding must be focused on the business perspective in association with technical understanding (Wang et al., 2020).
- **Strategic Alignment:** Strategic Alignment is a complex concept. According to different circumstances, explanations may vary. The concept of alignment was initially introduced in the strategic process and is of the main concern for the organizations. With the advancements in technology, many organizations have realized the importance of alignment in carrying out strategic activities. Artificial Intelligence has changed the concepts of business including the organization of business procedures, communication with the customers, or how the products are delivered. Advancement in the internet has allowed businesses to communicate with their customers worldwide by increasing their loyalty by improving the performances. Artificial intelligence has a significant impact on the strategic alignment of the business. If the company intends to use artificial intelligence in customer engagement, it must be explained that advanced technologies can improve the satisfaction levels of customers (Henriques et al., 2019).
- **Change Management:** Change Management is a unified term used to support and prepare people, groups, and companies in the procedure of organizational change. It involves various methods to shift business procedures, budget strategies, resources, and other procedures that can crucially influence the way a company can perform. Organizations need to design, plan, manage, and operate their business procedures according to advanced artificial technologies. The procedure which is responsible for managing the lifecycles of the changes. The main goal of change management is to allow the beneficial modifications to be adopted, with the minimized interference in the technological services. Maximum profits can be obtained with reduced interferences. All other business

lifecycle activities are dependent on the ability to manage change by handling risks. This procedure helps to enhance the success rate and productivity. The involvement of Artificial intelligence in the business may cause unenviable results that may negatively affect business procedures and relationships. Change management is dependent on the ability of risk management. Risk management allows us to configure risks, lessen risks, avoid risks grounded on business strategies. Change management is the other term for risk management of the organization (Narasimhamurthy, 2017).

- **Governance:** Information Technology is a concept that has been recently evolved and became a vital issue in the information technology domain. Many companies are implementing technological governance to attain better alignment between business and artificial intelligence. Artificial Intelligence Governance is a well-structured procedure that is used to analyze and manage decision-making ability. Artificial intelligence governance is evolved from information technology governance. Artificial Intelligence acts as a procedure that needs to be adapted continuously, Artificial intelligence is a modern concept there is a domain to handle the pressures to commence information technology governance system. The procedure analyses and handles the decisions related to main artificial intelligence applications. The goal of artificial intelligence is to confirm the enhanced business outcomes. Governance has an impact on the artificial intelligence policies resulting in adding value to the business. Artificial intelligence includes stakeholders, customers, and employees (De Haes & Van, 2008).
- **Capabilities:** Artificial intelligence capability is evolved from information technology capability. It is described as a set of individuals, procedures, information technology, and other resources that collectively perform functions to attain information capability. With the advancement of Artificial intelligence technology, companies need to have Artificial Intelligence capabilities by ensuring that it is associated with information technology capabilities. The organization may require new hiring with Artificial Intelligent capabilities to ensure reliable management for Artificial Intelligence problems. Recently, it is observed that information technology and artificial intelligence capabilities positively affect organizational success. Several organizational factors act as mediators to learn these capabilities and accept the market changes with other internal and external resources (Cepeda & Arias-Pérez, 2019).
- **Skills Development:** Skill development helps to ensure the development of skills required for the implementation of artificial intelligence in the staff. These skills include technical information about the technological solutions, business information to ensure the applicability of the solutions in the organizations, employees must be able to understand the required knowledge to enhance technological solutions to create the value of the organization. Skills development can be attained by recording the previous knowledge and capabilities of the staff. The training needs of an organization are determined by conducting a skills audit. It provides more information than the qualification of the employees. It identifies the skill requirements for the organization and then extracts the requirements for the skills. It helps to conduct proper training measures to develop the skills related to artificial intelligence and business procedures required to increase the productivity of employees (Van der Walldt et al., 2018).
- **Integration:** Recently, the issue of exploring the resources, the methods to reshape the skills of employees to enhance the creativity, space to attain a prioritized position in the artificial intelligence domain of the organization. According to this viewpoint, organizations should zoom creative plans, in conducting interactions, and sharing information with other staff members is a vital element of success (Pânzaru, 2016). Existing solutions should be integrated with advanced artificial intelligence solutions. The organization needs to implement integration. Organizations integrate existing

solutions and artificial intelligence to develop.

- Deployment:** Globalization and competition are the two main important reasons for confronting organizations who are trying to aid their development or to sustain in the market. Eventually, technological interests, procedures, and people get along for the relationship to ensure the required position in the market. Advanced organizations allow innovations to make amendments in their business decisions and help them develop. Information is the vital requirement in relationship methodology, where it is assessed as an essential component for organizations. Organizations can become more developed by exchanging the knowledge of specialists. It will help the organization to learn new strategies (Gharamah et al., 2018). During the last five years, there is a big development witnessed in the field of artificial intelligence empowered by machine learning. Organizations have started investments in implementing artificial intelligence to manage a large amount of data, to understand the complexities of the strategic needs of data, to improve decision-making procedures, to allow automated systems in the organizations. There are some risks associated with the deployment of artificial intelligence and to counter these risks it is very important to address technology developers' so they make sure to provide the required solutions (Moore et al., 2018).



FIGURE 1
PROPOSED STRATEGIC FRAMEWORK

Understanding and Alignment

Most of the organizations require the understanding of artificial technology to enhance the business value in the market. Following the understanding, strategic alignment is also incorporated to understand the technical aspects of Artificial Intelligence. The combination of understating and alignment helps to develop the cognitive skills of the organization to make it productive and sustain a reputed position in the market. Organizations must understand the abilities and limitations of Artificial Technology adoption. Managers must understand the basic requirements of the organization and should strategically align the procedures accordingly. The alignment between business and artificial intelligence is a significant component of effective and efficient business development. Organizations should enhance their understanding of artificial intelligence to develop their internal procedures before exploring the problems of customers which could be solved by artificial intelligence. Organizations should adopt advanced technology to improve organizations' previous procedures, which may help to explore new opportunities for the development of products and services to increase the profits of the organizations. The basic requirement for the adoption of artificial intelligence is that everyone

must understand it and want it. The organizations need to enhance their capabilities and desire for artificial intelligence. Companies should implement technological governance to align business and artificial intelligence procedures. There must be a planned procedure developed by organizations to analyze and manage decision-making ability according to the change management procedures. It will help the organizations to handle the pressures to adopt artificial intelligence technology. Governance in an organization should have a positive impact on the policies which can help the businesses to enhance their values.

Change Management and Governance

The adoption of artificial intelligence technology in any organization should be properly managed following the technological aspect plus the organizational aspect. Change management and governance should be combined to align the technologies with the main business operations and procedures. Organizations should adopt different business procedures, budget strategies, and resources which can have an impact on the organizations' performance. Organizations must prepare a specific design, create plans, manage the business operations with artificial technology. Organizations must understand that these procedures can influence the lifecycle of the changes. Organizations must recognize that the basic objective of change management is to enhance beneficial modification. As the other business activities are dependent on the change management procedures and risk management, the change management procedure can help to increase the productivity and success of the organization. Organizations should enhance their risk management capabilities to configure the risks and to avoid them. The main concern of modern organizations should be the ability to accept all kinds of internal and external business opportunities to adopt the changes which might help in achieving the organizational objectives and enhanced position in the market. The organizations must ensure the significance of change management as an important systematic medium, which is responsible for the acceptance of changes and needs the scope of complicated public management. Revolutionized change management should not be differentiated from other public administration activities. The organizations should keep the track of visible change management procedures to alternate these changes according to the governance procedures to maximize the profits. The strong leadership in the organizations should be maintained to prepare profitable change management plans according to the governance structures.

Capabilities and Skills Development

Organizations that are deprived of the human skills and knowledge about advanced artificial technologies must develop strategies to enhance the skills and capabilities of their employees to successfully adopt these technologies. Capabilities and skill development strategy combine to enhance the performance of the employees. Organizations should involve individuals, procedures, and other resources to collectively perform functions to acquire artificial intelligence capability. Companies should attain artificial intelligence capabilities and skills to ensure the advanced and profitable use of the technology. The organizations should give a chance to new people with fresh information about artificial technology to ensure adequate management for the problems in the adoption of artificial technology. The organization must recognize the need for the capabilities to adopt artificial intelligence to attain organizational success. The staff should be trained about the skills related to the adoption of artificial intelligence. The training should include technical information about technological solutions, business information to ensure the applicability of the solutions in the organizations. Employees should have the required knowledge to enhance technological solutions to improve the value of the organization. Organizations should record the previous knowledge and capabilities of the staff. The training should be determined after conducting a skill audit which helps in getting the

information about the qualification of the employees. It will help in the identification of required skills and then plan the strategical measures for the training procedures by the use of artificial technology and business strategies to enhance the productivity of employees.

Integration and Deployment

Deployment of Artificial intelligence and integration of technical aspects is a combined solution for the organizational challenge. Artificial Intelligence solutions must be adopted in keeping in view that existing systems are not disturbed. The combination of integration and deployment helps to develop technical plans to incorporate existing functions and advanced functions.

Recently, the issue of exploring the resources, the methods to reshape the skills of employees to enhance the creativity, space to attain a prioritized position in the artificial intelligence domain of the organization. According to this viewpoint, organizations should zoom creative plans, in conducting interactions, and sharing information with other staff members is a vital element of success (Pânzaru, 2016). Existing solutions should be integrated with advanced artificial intelligence solutions. The organization needs to implement integration. Organizations integrate existing solutions and artificial intelligence to develop. Organizations should allow innovations to make amendments in their business-related decisions which can help them to develop. Organizations should explore the resources, the methods to reshape the skills of employees to enhance the creativity, space to attain a prioritized position in the domain of artificial intelligence of an organization, organizations should integrate previous solutions with the advanced artificial intelligence solutions. As organizations have started the deployment of artificial intelligence technology for their business procedures, they should also develop creative plans by sharing information and interactions with other staff members. Organizations must address the technology developers to get the required solutions for the risks associated with the deployment of artificial intelligence technology in the organizations

CONCLUSION

UAE is implementing Artificial Intelligence at the government level. It is the first country to employ a State Minister for Artificial Intelligence, which is preceding the modern generations of digitalized government. The strategy is believed to be the first of its category worldwide, and the world will witness that advanced Artificial Technology will help to boost the performance and efficiency of the government. It is very beneficial for businesses to observe through the lens of business abilities instead of technology. Artificial Intelligence is being adopted by many companies' we suggest a strategic framework that provides guidelines for the organization to implement Artificial Intelligence successfully. Our model is comprised of eight inter-related business areas. These eight business areas are combined resulting in four groups. Each combination influences each other in a certain way as any single method cannot achieve without the support of others. When these four groups are combined they appear as an Artificial Intelligence implementation cycle which presents a strategic framework for successful implantation of strategies.

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