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AI: Is the Future Robots?

Honors 401 Thesis

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Abstract

The goal of this thesis is to analyze how Artificial Intelligence is actively changing. The newly developed technology that is known as Artificial Intelligence can potentially have implications that are not yet known. Artificial Intelligence impacts the business world in many ways. Things such as ChatGPT and Deepfakes are some of the biggest forms of Artificial Intelligence today. It is important to know how Artificial Intelligence is changing every day because no one knows the true implications of a technology like this. It is crucial for companies to understand how this technology can potentially be harmful to their employees. Artificial Intelligence is a form of deep learning which is comprised of Neural Networks. This thesis will focus on research that has been done to show how employees feel about Artificial Intelligence as well as how Artificial Intelligence is created.

Keywords: Deepfakes, ChatGPT, Artificial Intelligence, Deep Learning, Neural Network

AI: Is the Future Robots?

Background

Technology is rapidly changing, and in today's world innovation is happening more rapidly than it ever has before (Cribb & Glover, 2018). Things such as smart phones, autonomous cars, and smart homes like things such as Alexa, are all examples of Artificial Intelligence (Tominac, 2023). Artificial intelligence (AI) is thought to be a technology that is produced by humans and structured to act as humans (Prasanth et al., 2023). Computer science is a big part of Artificial Intelligence (Ding et al., 2022). Artificial Intelligence is currently one of the biggest technologies involved in the current Industrial Revolution wave.

The current Industrial Revolution is known as IR4. The IR4 is a transformation that is information-intensive in the aspects of manufacturing. This focuses on an environment that is connected by things such as big data, people, processes, services, and other systems that are technology based (Radun et al., 2021). The new technologies that are being developed like Artificial Intelligence are impacting disciplines, economies, and industries (Radun et al., 2021).

There are several international organizations that are currently working on setting the proper regulations for Artificial Intelligence. Those international organizations include, but are not limited to the European Union (EU), Organization for Economic Co-operation (OECD), United Nations Educational Scientific and Cultural Organization (UNESCO), the World Bank, and the Red Cross (Atabekov, 2023). The Artificial Intelligence Committee and UNESCO are currently focused on creating a safe environment for society when thinking about the implications of AI since not all future implications are known. All of these organizations work

together to prevent harm from AI by doing the necessary research on AI and the potential impacts AI may have (Atabekov, 2023).

In the near future, Artificial intelligence is not expected to replace jobs that involve a lot of creativity or a lot of social interactions. In a study that was conducted by Northeastern University-Gallup, it was found that most graduates from colleges in the United States of America and the United Kingdom do not feel that they have the skills necessary to work in a work environment that is filled with Artificial Intelligence (Tominic, 2023).

Unknowns

When it comes to jobs, as of 2016 the World Economic Forum (WEF) predicted that 5.1 million jobs could potentially be lost due to technological innovations with things such as Artificial Intelligence (Cribb & Glover, 2018). It is estimated that 47% of those employed in the United States of America have their jobs at risk due to the advancements happening with Artificial Intelligence everyday (Cribb & Glover, 2018). Artificial Intelligence impacts the economy in a negative way because it causes people to have to rethink how they are going to live their life and how they will be doing their job, or if they will even still have a job (Radun et al., 2021). If a job can be run by a computer, then that is the route most companies are taking today with Artificial Intelligence in mind due to the ability to save money and be more financially stable (Cribb & Glover, 2018).

Some people feel that when a company or person is using Artificial Intelligence, there should be an emergency shut off button for the AI. People feel the need to have an emergency button because AI is still so unpredictable and it is important to have a plan if the AI that has been programmed, starts to act incorrectly (Atabekov, 2023). Artificial intelligence can

potentially have an impact globally if there is not an emergency shut off button (Atabekov, 2023).

Artificial Intelligence can cause a security risk due to the unknown capabilities it holds. Since there has not been a lot of research done over Artificial Intelligence and how it will work in the future, there are concerns regarding the potential of Artificial Intelligence evolving by itself (Gînguță et al., 2023). There are concerns over the right to an individual's private and confidential information. Artificial intelligence has the capabilities that allow it to organize and store large amounts of data. This poses a security risk to private information because at this point in time, Artificial Intelligence is known as another entity. Using Artificial Intelligence can have private information leaked without the individual's knowledge (Gînguță et al., 2023).

Things such as bias, discrimination, autonomy, isolation, and lack of social connection are also issues that can come up when discussing AI. Artificial Intelligence can duplicate and cause more issues when it comes to prejudice and bias. Since the framework for the technology like AI is programmed by the person running the program, it can be set to just follow the guidelines that the programmer wants it to follow (Gînguță et al., 2023). For example, if the programmer only wants to hire men, then the person developing the Artificial Intelligence can set that feature within the Artificial Intelligence and then that will cause the bias of the programmer to be followed through by the Artificial Intelligence. Autonomy can be impacted because AI is not able to take the blame for certain actions and it can also impact the rights of those individuals who were impacted by the failure of the Artificial Intelligence (Gînguță et al., 2023).

Research Questions

1. What is the structure of AI?
2. In what ways is AI used in businesses today?
3. How can the structures of businesses change because of AI?
4. How can AI change in the future?
5. How can AI change the way people work together in businesses?

Thesis

Although Artificial Intelligence can be beneficial in the workplace, the future impact of Artificial Intelligence in the workplace is yet unknown. This paper will look into how DeepFakes and ChatGPT can have an impact on the workplace, how Artificial Intelligence is used in businesses currently today, how Artificial Intelligence will change in the future, and how Artificial Intelligence will impact the way people work in a business. All of these are key factors that can determine the future of Artificial Intelligence.

Artificial Intelligence is currently used in areas of study such as management, accounting, finance, human resources, marketing, and sales (Gînguță et al., 2023). Some people feel that AI is a big advantage when it comes to management. Experts like to you use the Artificial Intelligence-human sequential decision-making model because it helps improve innovation within entrepreneurial businesses. This model helps evaluate and select solutions. When it comes to the decision-making model, Artificial intelligence is able to speed up the process by using a hybrid cloud (Kuzior et al., 2023).

Artificial intelligence can extract massive amounts of data that can help companies gain more knowledge about their customers and why certain things are happening within the business. When it comes to marketing, Artificial intelligence can help reach new audiences and increase

the company's customer base (Prasanth et al., 2023). This is important because marketing is a large portion of operating a company.

When it comes to marketing in the future, the day-to-day activities will become operated more by AI than they are currently in today's world. Artificial intelligence helps companies cut costs and increase productivity. Machine learning and natural language processing allow for automation of tasks. AI helps speed up the data analysis process because it is able to pinpoint the necessary information that the company is looking for by using key words for example (Prasanth et al., 2023).

In the business world, Artificial Intelligence is currently used to determine market trends, improve customer service, and analyze the company's systems in order to determine potential failures (Prasanth et al., 2023). In the future, Artificial Intelligence can be used to detect issues more quickly than it currently can. It may also be able to keep track of the daily activities that happen in a business (Prasanth et al., 2023).

Overall, Artificial Intelligence has many pros and cons. There are several aspects to look at when determining whether researchers should continue to grow AI and insert it into the work force, or not. Artificial Intelligence is something that cannot be fully predicted yet. When thinking about other technologies and how quickly they developed, this seems to be what is happening with Artificial Intelligence. While Artificial Intelligence has proven to be beneficial right now in the workplace, there are some people who are not ready to be working with this type of programming.

Main

AI and its Future

The future of Artificial Intelligence is a forever changing thing. There are a lot of benefits that come with the use of AI, however, there are also a lot of costs. It is important to continue researching how Artificial Intelligence will impact the world in the future. Currently, AI is impacting jobs by eliminating jobs or decreasing the amount of work an employee has to do. The use of AI has become popular in several different areas. The government, civil society, and several different industries have begun to use Artificial Intelligence in a way that has caused rapid growth of varying technologies (Committee on Homeland Security, 2023). There are many factors that will impact the success of AI.

One of the key factors for the success of Artificial Intelligence is that civil society uses AI in a way that will help advance the goals of the society. Another key factor is having a vision that aligns with those within the Artificial Intelligence ecosystem. If the goals do not align, then it becomes difficult to properly program AI in a way that is beneficial. Humans being the main piece of all Artificial Intelligence conversations will also help ensure that there are successes with Artificial Intelligence (Atabekov, 2023). Artificial Intelligence has been known to be used in harmful ways.

The future of Artificial Intelligence is moving into a period called C³I. The four main components of this period are command, control, communication, and intelligence (Zohuri & Moghaddam, 2017). Artificial Intelligence and the future of this kind of technology is very dependent on how humans continue to develop the technology. Artificial Intelligence in the future can eventually be able to do any task if it is programmed in the correct way by the human population. There are many other countries that are working to develop Artificial Intelligence in order to gain the most benefits possible from the technology.

The Chinese government has spent years working on developing Artificial Intelligence. This development by another country or nation can greatly impact the United States of America. If the Chinese government beats the United States of America in the development of Artificial Intelligence, then the United States of America will have to make a very large, expensive purchase from one of its biggest competitors in the economic world. If the Artificial Intelligence has to be bought from another country, there is a big security risk. Failure to know the true capabilities and how the technology is built can create a big security and privacy risk (Committee on Homeland Security, 2023). Artificial Intelligence is a technology that is rapidly developing.

In the near future, Artificial Intelligence will become more popular in the workplace than ever before. When companies are looking to implement the newest technological advancement of Artificial Intelligence in the workplace, the company needs to factor in the employees that they are hiring. The new workforce needs to be able to understand how AI works and they also have to be willing to work alongside the technology, even with the uncertainties it currently holds. Artificial Intelligence can also lead to distractions and disruptions in the workplace. Artificial Intelligence has the capabilities to replace workers while also assisting in some aspects (Committee on Homeland Security, 2023). While people are being forced to work alongside Artificial Intelligence, this is impacting how open and conscientious people are. People are concerned with how AI is interacting with those in the workplace, so those workers have become more reserved and a lot more introverted (Mou & Xu, 2017).

Artificial Intelligence is changing every day and becoming more advanced as time goes on. These kinds of programs that have been created by humans are becoming more efficient at participating in natural conversations. This means that Artificial Intelligence is able to have a

conversation with a human, and it is just like someone is talking to another individual. Artificial Intelligence has the potential to continue to grow and eventually, this technology that was once thought to be a good idea, can eventually become smarter than humans in the very near future (Committee on Homeland Security, 2023).

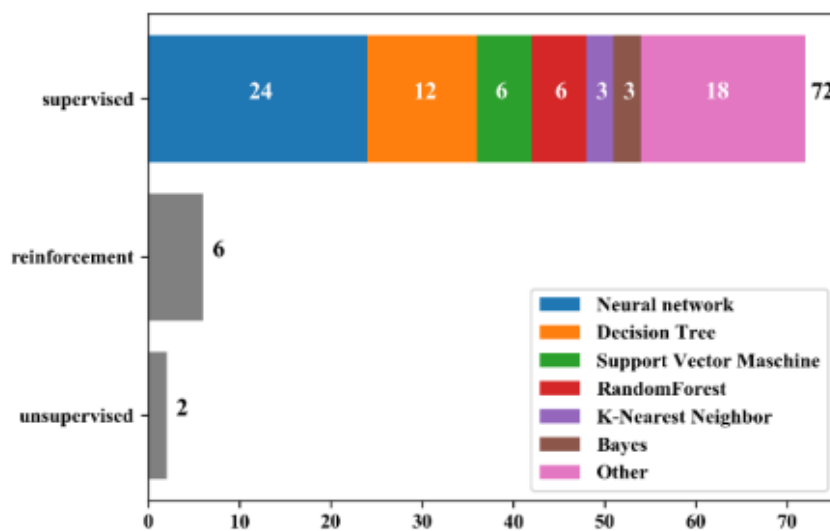
Types of Artificial Intelligence

In the 1950s, researchers were looking for a way to automate parts of human intelligence. This research brought up the idea of using Artificial Intelligence (Ali et al., 2023). There has been several studies done regarding machine learning and how it can be used to help Artificial Intelligence. Machine learning is a form of technology that allows for computers to work independently. When the computer is working independently, the computer will learn on its own. Machine learning allows for the computer to use algorithms and other forms of data to help become more human-like. When machine learning is supervised, the technology maps inputs to outputs. Machine learning is a form of Artificial Intelligence that helps sort through things such as spam emails. The Artificial Intelligence form of machine learning allows for people to have to do less work when it comes to filtering through things manually. A form of supervised learning is deep learning (Fahle et. al, 2020).

Supervised learning is one of the most common forms of machine learning (Fahle et. al, 2020). Figure 1 shows how neural networks have been used to create solutions to problems in regards to manufacturing. This figure compares supervised, reinforcement, and unsupervised networks in relation to how often they are used. As seen by figure 1, supervised learning is the most common form of a neural network. Unsupervised learning includes things such as singular value decomposition and principal component analysis. A neural network makes up most of the

supervised learning. Unsupervised learning is the least common when it comes to Artificial Intelligence. These methods help reduce the amount of data that is present (Fahle et al., 2020). Deep learning is a very common form of Artificial Intelligence that is used. It is important to know the process of deep learning and how it is done due to the complexities of the process that consists of many parts.

Figure 1:



Fahle et al., 2020

Deep learning is a neural network that is comprised of three or more layers. Neural Networks consist of nodes, weights, and layers. These networks have been created in order to create a replica of the human brain (Fahle et. al, 2020). A neural network contains less neurons than those in the human brain. The artificial neurons that are used in a neural network are called units. These units are not as difficult to understand as the neurons in the human brain (Zohuri & Moghaddam, 2017). Examples of neural networks are things like Tesla's or other autonomous cars (Fahle et. al, 2020). Neural networks are parallel computing models. During the learning

process of the neural network, the units are connected by identifiers called strengths. The strengths are constantly changing during the learning process of the neural network (Zohuri & Moghaddam, 2017).

Deepfakes

Deepfakes are created by Artificial Intelligence and often times, they provide false information. People are able to use AI to create a video that looks identical to someone and then it can ruin the individuals' image because of the falsification of information. It has been discovered that most people are not able to detect a Deepfake video when they see one. As time has gone on, Deepfakes have become more realistic and now, these videos are able to contain audio that sounds identical to the person who is being impersonated. This is known as hyper-realistic content (Gupta et al., 2024).

There have been new programs developed in order to help detect Deepfakes. When determining if a video is generated by Artificial Intelligence and a Deepfake video, it is important to look at the frequency of the images as well as the frequency of the audio in the video. The programs used to detect Deepfakes have become more available to the public since Deepfake videos are becoming so common (Gupta et al., 2024).

There are several advancements in Deepfake technology that have made it more difficult for law enforcement officials to know what the latest technology updates are. In order to be able to determine a Deepfake, law enforcement officials have to continue to receive the most up to date training (Alshamsi, 2023). Deepfakes can also have an impact on the workplace. There are several implications of Deepfakes in the workplace, so it is important to know how to handle and detect Deepfakes everyday.

When it comes to Deepfakes in the workplace, there is a potential for new job opportunities. There could be a job opportunity for Deepfake analysts. It is important for companies to have someone who is very knowledgeable in Deepfake detection because of the negative impacts that can occur. In the workplace, if a Deepfake is created of someone saying something that they did not say, then that can put their job on the line which is why a Deepfake analyst is important. Deepfakes can also increase jobs within the cybersecurity role at a company. This is because if files are not secure in the workplace, then those photos can be used to generate a Deepfake video of an employee which can impact their job in a negative way (Alshamsi, 2023). Another key technology developed by Artificial Intelligence is Chat Generative Pretrained Transformer (ChatGPT) (Committee on Homeland Security, 2023).

ChatGPT

Experts had ChatGPT complete a standardized test known as the SAT. When ChatGPT took this test, it had scored a 1020. This means that ChatGPT is more intelligent than 75% of the human population (Committee on Homeland Security, 2023). In 2023, when ChatGPT originally became a big thing for the first, a company based out of Portland, Oregon began to study the program that is a form of Artificial Intelligence. The company based out of Oregon wanted to know if ChatGPT would be able to help address questions and concerns more efficiently than a human could. In this study done by the Mineral company, there were three different versions of ChatGPT that were used over a time period of six weeks. The versions were ChatGPT-3.0, 3.5, and 4.0. The goal of these three versions of ChatGPT were to answer questions in the areas of Fair Labor Standards Act (FLSA), Family and Medical Leave (FMLA), the American Disabilities Act (ADA), and questions in regards to immigration. There was a variety of difficulties provided within the questions and tasks that were provided. These areas of study also

focused on termination from the job, employee leave, and salary. In this study, the answers provided by ChatGPT were put into different categories. The six categories were accuracy, context relevancy, consistency, briefness, bias level involved, and practicality (Zielinski, 2024).

This study done by the Mineral company concluded that ChatGPT 3.5 and ChatGPT4.0 were much better than the 3.0 version of ChatGPT. While Artificial Intelligence in the form of ChatGPT showed some success, this could not have been done without humans overseeing the overall process. The newest version of ChatGPT 4.0 is able to access the most recent data while 3.5 and 3.0 are only able to access data from 2021 and earlier. While this study that was conducted showed how smart and intelligent AI is, it did not completely eliminate the fact the humans are still necessary to be a part of the process in order for Artificial Intelligence to be successful (Zielinski, 2024).

In another study that was done, individuals tested Artificial Intelligence's ability to provide assistance in situations that require knowledge-intensive tasks. This study that was conducted at BCG, involved 758 consultants. The consultants were then assigned to three different groups. Those groups all involved ChatGPT-4.0. One group was given access to the 4.0 version of Artificial Intelligence, one group had no access to the program, and the other had access to the 4.0 version in combination with an engineering background. The results of this study demonstrated a negative impact on the human employee's ability to perform a knowledge intensive task. Those individuals who were paired with the GPT-4.0 were 90% worse at performing their tasks compared to the employees who were not paired with GPT-4.0 in order to perform a task. The control group was 85% accurate when completing a business case study. In order to fully get the answer correct, the employee had to use the information provided by GPT-4.0 as a base for their answers, but just directly copying and pasting what the Artificial

Intelligence provided as a response to the case study was marked as an incorrect answer to the question. It is important for those using Artificial Intelligence to come up with solutions to know that they also need to think through the process. Artificial Intelligence is not always guaranteed to be correct. The employees needed to be able to provide validity to the technology's findings (Zielinski, 2024).

The two studies above show the overall impact that ChatGPT can have on those in the workplace. While technology is not beneficial and helpful in every situation, it can still help in some instances. It is important to know how this technology can be advanced in the near future. Generative AI (GenAI) can be used everyday in the workplace if the newly developed Artificial Intelligence is used correctly.

AI in the Recruitment Process

When it comes to Artificial Intelligence in the recruitment process, there are several potential benefits of the technology. Artificial Intelligence allows a company to innovate their recruitment process in a way that is not done by every company. Companies are able to benefit from Artificial Intelligence in the recruitment process because there is added value during the recruitment process as well as better talent detection. More than ever, Human Resource Management (HRM) is building off of the new technologies in order to improve the retention rates as well as increasing performance in the employees of the company (Cherif et al., 2021). Human Resource employees are able to use Artificial Intelligence to help engage employees by increasing trust (Dutta & Mishra, 2021).

Artificial Intelligence can help write acceptance or rejection emails for example. If a candidate does not meet the qualifications for a job, then someone has to notify the candidate

that they did not get the job. In order to write and formulate these emails, companies are able to use ChatGPT, which is a form of Artificial Intelligence. ChatGPT is able to create a base template for these kinds of emails. This saves those working as a part of the recruitment process time because they do not constantly have to be formulating a new email. Artificial intelligence can also help in the beginning stages of the recruitment process (Lewis, 2023).

Artificial Intelligence is able to create job descriptions for new jobs that have become available in the market. In order for the job descriptions to be created, someone on the hiring committee has to provide the Artificial Intelligence with key words to include in the description for the job. The technology is then able to create a very descriptive job description that is able to be published in order to help recruit someone to fill the open position. While this is beneficial and reduces the amount of time someone has to spend making the job description, there is still time taken away to review the description that was created. This can take more time if the description was not up to par. Artificial Intelligence also has an impact on resume reviews (Lewis, 2023).

Artificial Intelligence has been developed in a way that it allows for resumes to be reviewed. When programmed correctly, the system that is programmed is able to remove resumes for the pile if they do not meet certain qualifications. For example, if those a part of the hiring process are looking for key words like teamwork and collaboration, if those are not included on the resume, then the machine will throw out the resume. Artificial Intelligence is also able to detect formatting of things such as resumes or cover letters when they are put into machines that are run by Artificial Intelligence. If the company wants a simple template for a resume, then the machine can detect the templates used and throw away those resumes that do not follow the necessary formatting (Lewis, 2023).

Artificial Intelligence is also able to help schedule interviews and meetings. If someone provides AI with their schedule, then the Artificial Intelligence is able to find a time that works to schedule the necessary meeting. During the recruitment process, Artificial Intelligence is able to schedule interviews as well. This makes it easier for those conducting the interviews because this lessens the amount of time that they have to spend trying to find a time that works for an interview (Lewis, 2023).

Jobs Most Impacted by AI

Artificial Intelligence can be used to help reduce the workload of those responsible for the hiring process in a company. The Burning Glass Institute conducted research that showed the impacts of GenAI in the next 10 years. Within the next 10 years, Generative Artificial Intelligence will increase productivity in several roles in the workplace. Generative Artificial Intelligence is able to automate routine tasks which can ultimately change the recruitment process done by the Human Resource Department at a company. The abilities of Generative Artificial Intelligence will potentially lead to a decrease in the number of Human Resource professionals needed (Maurer, 2024).

The increased use of Generative Artificial Intelligence will increase human costs, but this is not going to last forever. Corporations will see a big increase in profits because they will no longer have to pay as many employees as they had to pay before. White collar jobs are most likely to be impacted by the technology that is Artificial Intelligence. Those in the industries of finances, legal services, marketing, journalism, graphic design, computer programming and Human Resources are most likely to bear the impacts of Artificial Intelligence. Out of all of these different sectors of work, those working in financial services will see the biggest and most

detrimental impact on their jobs. Those such as accountants and mortgage brokers will see the changes the most because of how Artificial Intelligence is able to automate tasks. Workers in these different industries will have to learn Artificial Intelligence in a way that is potentially going to be the new normal. Constantly retraining employees will be important as technology changes. When the way work is being done is constantly changing at someone's workplace, they will have to adapt to what is to come as well as continue to work with the changes or their job could potentially be at risk in the future. Workers will be required to learn and gain new skills they never had before (Maurer, 2024).

While white-collar work is doomed by Generative Artificial Intelligence, blue-collar work is most likely going to remain safe from the changes in Artificial Intelligence. Blue-collar workers are most likely to remain safe in their job security because while the use of Artificial Intelligence is increasing, there will be a higher demand for goods and services. Generative Artificial Intelligence is not able to perform physical tasks like humans are able to. While other sectors of work are seeing a decrease in the need for human workers, blue-collar workers are likely to see an increase in jobs as well as potentially pay raises due to the increase in labor that is needed from these employees (Maurer, 2024). Generative Artificial Intelligence also has a very large impact on factories.

AI in Factories

A big issue in the manufacturing world is planning the production process perfectly. Artificial Intelligence and machine learning have become very important in the manufacturing process. One way that machine learning is used in the manufacturing process is by using Q-Learning. When using Q-Learning, the Internet of Things (IoT) can be used. This is where big

data is processed through several different sensor nodes in order to ensure that the data gets sorted properly (Fahle et al., 2020). Artificial Intelligence can be used for several other important tasks in a factory setting on a day-to-day basis.

Machine learning and Artificial Intelligence can be used to help set schedules. In order to help improve ordering schedules, there can be random search algorithms used in combination with machine learning. Programming Artificial Intelligence to be able to help with order schedules can make it easier to keep track of orders. This takes a big workload off of the human workers in the factory (Fahle et al., 2020). Predictive maintenance is also an important factor when working in a factory.

It is important to know how much life a product, machine, or equipment has. Artificial Intelligence can be used to help plan for a machine going out or how much life is left in the machine. Artificial intelligence can be used to help humans become more productive in the workplace. With a system like AI, there is a lot of information that is able to be stored. Artificial Intelligence's ability to store information can help with competency. The intelligence of Artificial Intelligence can help by improving knowledge among those employees within the workplace every day (Fahle et al., 2020).

Conclusion

Overall, this thesis researched how Artificial Intelligence is currently impacting businesses and people in the workforce. It was also looked into how Artificial Intelligence can impact those of us in the workforce later. There are still a lot of unknowns in regards to how Artificial Intelligence will ultimately work and act like in the future. The purpose of this research was to determine in what ways Artificial Intelligence is currently being used in the workplace as

well as determining the impacts the technology has on certain sectors of the workforce. Not all sectors are going to be impacted the same way from the technological advancements that have been made with Artificial Intelligence. Another purpose of this thesis was to look into things such as ChatGPT and Deepfakes and how Artificial Intelligence has impacted how these things are used in the workplace or how they can impact the workplace. The impacts can be both positive and negative.

Overall, when Artificial Intelligence such as ChatGPT is used is used in the workplace, there are benefits to some, but not everyone. Artificial Intelligence can impact jobs in a negative way by reducing the number of available jobs. Being able to find a job in this current economy and with the use of Artificial Intelligence on the rise, everyone's jobs are on the line. The job can exist one day, and then the next day, the employee can be terminated from the job. Jobs that are in the financial sector as well as the legal sector are at a very high risk of being replaced by Artificial Intelligence. This is because things such as ChatGPT and automation of Artificial Intelligence makes it easier to complete routine tasks. Using Artificial Intelligence also saves companies a very large sum of money since the company does not have to pay their employees. ChatGPT is a very smart form of Artificial Intelligence and while it is currently used to write emails, and schedule meetings, the full potential of ChatGPT is unknown and it is ever changing. The benefits of the use of Artificial Intelligence in a factory setting are very beneficial when it comes to planning and managing orders. Artificial Intelligence is able to use algorithms in order to plan a new order or set a new schedule.

Artificial Intelligence is used in several sectors of the world, and it is important to know how others are able to use this kind of technology. Other countries are working to develop a technology similar or better to the Artificial Intelligence that is currently being used in the United

States of America. Since the true future of Artificial Intelligence and its impacts are unknown, every single person needs to be cautious of this technology. Many disciplines have yet to see the impacts of Artificial Intelligence. Even though several disciplines have yet to see Artificial Intelligence in their industry, they still need to be on the lookout for how Artificial can potentially be integrated into their industry. There needs to be further research done on Artificial Intelligence to know the long-term effects of AI and if it is truly worth the constant new training employees have to go through.

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