**Strategies to Address Limitations on AI in Medical Diagnostics**

Addressing the limitation of what AI knows is pretty simple. It requires more training. Every time there is a breakthrough in the knowledge we know as humans, the AI program must be retrained to include new information. Without proper training, AI may miss something that another type of test could show.(Tetiana Habuza, 2021) Training AI is similar to how the human brain works when we study. We learn new things and start to memorize them. (*Embracing change: Continual learning in Deep Neural Networks: Trends in Cognitive Sciences*) Another limitation that would need addressing is electricity. Without the program, it cannot run; therefore, it needs a solution in case of power outages. The strategy for that is mostly counting on backup generators. If power goes out, backup generators can restore power, making everything operational again. Though this is a strategy, it also has its own limitations, which can be discussed at another time. In the case of medical diagnostics, I spoke about an AI needing to be trained.

**Factors that Impact Understanding AI in Medical Diagnostics**

In the world of Artificial Intelligence, there can be a lot of controversy and biased opinions. This means that it affects all events influenced by AI as well. Many people believe AI does what it has been invented for. That is to improve our lives and make things easier. Others, though, believe AI to be harmful. In the case of medical diagnostics, there are some people out there who believe that any doctor can do a better job at diagnosing than a machine. Though most doctors know a lot, there may be times that they are unfamiliar with a rare disease that AI may be able to bring to light. This shows that there is a need for both medical professionals alongside with artificial intelligence. (*Medical Diagnostic Systems Using Artificial Intelligence (AI) algorithms: Principles and perspectives*)

**Benefits and Challenges of Analyzing Technology**

When it comes to analyzing technology, everyone needs to be open-minded. Things consistently change, and we need to accept that. Accepting change allows us to grow and create better technology, without which we wouldn’t be where we are today. As said previously, there is a lot of controversy about whether AI technology is good or harmful. If people feared the unknown, then we wouldn’t have the technology we have today. For example, cell phones are almost a must nowadays. Over time, pay phones have become obsolete, and in case of emergencies, there needs to be a method of communication. Showing that some technology is needed within our society. (Gert T du Preez, 2002) Within different cell phones, we have AI technology that is used as personal assistants. This can be useful in cases where you have to be hands-free, say you had to do CPR on someone, and no one else is around to call 911. You can yell for your personal assistant to call for you and not have to stop CPR.

**Strategies for Analysis of Personal Goals**

In every life, we must be able to accept change as well. Things are constantly changing for everyone in more ways than just technology. (*Embracing change: Continual learning in Deep Neural Networks: Trends in Cognitive Sciences*) When someone passes, we must be able to accept it. Though it may be a difficult time, and everyone copes differently, it still ends in acceptance. If we did not, we as humans would not be able to live on. Every time we learn something new, our brains and memories start to change. Embracing change allows us to be human in the end. One example of accepting change in our day-to-day life would be a stop sign in the middle of nowhere. On an average day, there may be no traffic, but if you don’t accept that one day, a car might be coming, then you may run the stop sign and end up in an accident. If you accept that possibility, then you will remain safe.

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