**AI’s Impact**

Artificial Intelligence has had such an impact on multiple institutions, the first being family. If a person had fallen comatose, then a family member would most likely be in charge of all medical decisions for that person. For a decision to be made, a diagnosis would need to happen. With the help of AI, a family member could make decisions faster, which could be the decision that saves someone’s life. In the past, it would have taken a bit of research by a doctor to come up with a diagnosis, which could have been an issue if time was of the essence. In a community sense, it helps people keep people alive. Without different people with different purposes, a community would not exist. An example of how it affects the community is with mental health. Without a diagnosis of mental issues, some people may harm themselves, others, or important pieces of a community. (*No health without mental health*) Another reason is cost. Within the United States healthcare economy, we may end up seeing about one hundred and fifty million in savings, which includes diagnostics. (Tetiana Habuza, 2021)This can help save people money and help to thrive in many communities.

**Social Practices Shaped by AI**

In the case of social practices, AI has influenced medical diagnostics by including all different cultures and diversities. Bias is a huge issue when it comes to anything with AI. In the medical field, it is extremely important to consider all areas of the world and illnesses and diseases that are included in them. Between some things that could be inherited and things that could have been transmitted through travel, nothing should ever be ruled out based on where someone comes from or who their parents were. It is important to consider all options, and teaching AI all these options will help against an individual’s biased opinion. Almost one hundred thousand deaths occur in the United States alone due to medical mistakes. (Saposnik et al., 2016) A portion of this could be do to the bias of who someone is and not getting the correct diagnosis.

**AI’s Limitations**

AI may be powerful, but it has its own limitations. For example, to some people, it may know everything and can help solve problems that they may not be familiar with. In truth, though, AI had to be trained with the knowledge that other people already knew. Artificial intelligence learns what each symptom may be and can weed out what it is not. Another example of a limitation would be the fact that AI runs with computers; this gives them similar limitations. One is electricity, which, without, we could not run the system to get the diagnosis. Doctors still need to be trained for such circumstances so diagnosis can be made without AI. Overall, I wouldn’t say this technology would ever need to change for medical diagnostics but just improve by learning as we learn more about diseases. Artificial Intelligence can be trained to recognize multiple things, but it does have a weakness in coming up with a result while another type of test may be needed. (Tetiana Habuza, 2021)

**References**

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