DS-100 Final Project Report

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Technology Reflection

I was interested in studying the technological disciplines because I wanted to learn more about what data science is and how we actually use it in the real world. I am also minoring in data science, which is why the DS-100 class was a great introduction for me to learn about data. Having learned about data now helps me to look for the small details in my research. I believe that society drives technology. Society drives technology because humans are smart enough to create basic and advanced applications which can be applied to technology. We rely on technology because it makes our lives easier and at this moment in time, helps us do our jobs well. Society drives tech in the fact that without humans, technology would not have been created the way it was created in the first place. For example, one of the most popular inventions of tech is artificial intelligence which couldn't have been created and programmed without humans. Artificial intelligence is born in a machine which uses data and computer programming in order to work on constantly adjusting to an ever growing world of advanced tech. According to an article by the SAS, it is written that "computers can be trained to accomplish specific tasks by processing large amounts of data and recognizing patterns in the data" (SAS, n.d). Data is such an important part of artificial intelligence which allows humans to control and maintain machines. When society takes control of technological inventions and improves it to better everyone's lives, then using tech is a good thing. A quote by Harper Reid, who's a tech pioneer, sums up society driving tech: ""It really is who has the data. That's who will be the king,"" (SAS, n.d). And it is not possible to live a life without technology. This is because humans are great at creating tools that will change the world for the longest time (Hughes, 2001). For centuries, creating tools were revolutionary because people were always looking for something that could make their lives better. One instance is artificial intelligence which was mentioned

earlier in this paper. Having artificial intelligence is meant to better people's lives by doing some basic tasks or advanced computer programming. Another instance is how people lived in the 1600 to 1800's where they used natural resources to create technology which would help them maintain a better lifestyle such as hammers, kitchens, irrigation ditches, and cameras, etc. In my opinion, the next era in tech after this data-driven data is the era of advanced artificial intelligence. Robots are being programmed to think and interact with humans. Many movies in the past have shown robots as sentient beings without the essential resources humans need to live such as water, food, and air. Advanced artificial intelligence would revolutionize how we perceive the world from a technological point of view because it would have gotten so advanced that we would need to know how to use AI properly and readjust to life with a living, breathing machine.

References

Artificial Intelligence (AI): What it is and why it matters. (n.d.). SAS.

www.sas.com/en_us/insights/analytics/what-is-artificial-intelligence.html#:~:text=Artific

ial%20intelligence%20(AI)%20makes%20it,learning%20and%20natural%20language%

20processing.

Hughes, T. P. (2001). History of technology. In *Elsevier eBooks* (pp. 6852–6857).

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