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CST8300 335

Achieving success in changing environment

Question 1: Describe the innovative technology that you've chosen. Imagine you are describing it to someone who has never heard of it before.

* I am talking about a technology that combines the filed of computer science, mathematics, biology, and statistics. And this technology is used to analyze biological data. Now I tell you some advantages of bioinformatics. [1]
* The first advantage of these is that Bioinformatics grants perception of molecular genetics. The second of these is Algorithmic data mining. Algorithmic data mining means machine learning. Now I tell you some disadvantages of bioinformatics. the first disadvantage of these is that bioinformatics is very expensive to purchase for normal people. and the second disadvantage of these is that this bioinformatic technology is not used for personal reasons. [2]

Question 2: Explain how this technology has the potential to innovate your field. Make sure to describe why you think it may become disruptive.

* blockchain technology has the potential to innovate in our field because blockchain can be rigid as a shared record book and allow hundreds of connected computers or servers to maintain a secured record book. And this technology can show user transactions without involving any third party. Now I tell you some benefits of this blockchain technology. So, the benefits are stability, security, fast processing, no third-party interference, secure transactions, and instant transactions. No, I tell you some disadvantages of this blockchain technology. so, the disadvantages are battery use, the main disadvantage is cost, time consumption, 51% network Attacks, legal formality, and storage. I feel that this blockchain technology can be disruptive because of the many disadvantages that blockchain technology provides. Another one of these technologies is that it does not many transactions without a third party. Because of this, there is no single authority in control. due to this, this becomes disruptive in our field. [3]

Question 3: Discuss both the positive and negative implications of this innovation on your field and on society in general. Explain whether you think the overall impact has been mostly positive or negative.

* I tell you some advantages and disadvantages of Ethereum mining. before that, I am talking about the advantages of Ethereum mining.
* So, the first advantage is that the network's capacity will increase. other advantages are network security improvement and will decrease transaction fees. and significant network stability is more than now. [4]
* Now I am talking about the disadvantages of Ethereum mining. these disadvantages are scalability issues, community troubles, range cost of gas, and the main reason for transaction privacy. [5]
* I believe that a positive impact is better than a positive effect and a negative effect. Because the capacity of the network can increase due to positive impacts and the negative impact and the network security also increases. and transaction fees will decrease. [4]
* Sources :

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