Assignment 2 :

Q4

One the of fields that one could imagine would create jobs that did not exist in the past is the field of artificial intelligence. Although this field exists currently and has many people working within it, it is still relatively new, and its not hard to imagine that work withing this field will expand exponentially within the next few decades. New jobs withing this field could potentially involve developing brand new models or algorithms for machine learning, making artificial intelligence resemble human intelligence as much as possible, or working to ensure that current or future models of artificial intelligence operate within the boundaries of conventional moral and legal frameworks. Although some of these jobs might exist in some form today, chances are they will likely become much more intricate and widespread as future technology continues developing. Another type of work one could speculate could exist in the near future, would be the creation and integration of robotics into conventional society. One of the things a job within this line of work could involve would be designing accessible, easy to interact with, and utility focused robotics to help people deal with recurring problems in their daily lives.

Q2

One of the most impactful examples of innovation during the pandemic was the development of the covid infection tracker application. This application helped not only individuals gain access to information on whether someone who they had been in close contact with was infected, but it also helped businesses stay informed and updated, that way they could always take the necessary measures to protect their workers and costumers. The app consisted of scanning a QR code with a phone when entering a place. Using this QR code a costumer registered their visit to the place. Later on if this costumer tested positive for the virus, he was able to send an anonymous notification through the app that informed the business and other people whom the customer was in close contact to that he was infected. The technology used in this application was in no way brand new but the assembling of it in one new, easy to use and extremely relevant application can be considered a solid example of innovation in times of crisis. It is also worth noting that innovation is a process. Hence this application continues to receive updates to its functionality such as the usage of Bluetooth rather than the gps,the uploading of files to local phones rather than a centralized database, and the reduction of battery usage of the application.