internet of things (IoT)

There are a lot of advantages that the Iot provides the more information it receive the easier it is to suggest decision to you whether you are out of food or you have unread messages it also can notify you if some of the food is about to expire or if someone use your computer without permission and if can even repace humans that are in charge of maintaining or monitoring supplies. But is there are advantages there’s also disadvantages the biggest is safety because there no software or device that is connected to the internet that is immune from hackers.

# artificial intelligence (AI)

The advantages of AI are many it can learn by its self given time there are already some AI that help solve problem and provide solution sometime faster than a human can, AI can help analysing data in a huge scale it. But the disadvantages of AI are dangerous if an AI can learn how to disable the OFF switch of its self that the human that created it then it is capable of a lot of thing and also it can learn much faster when expose to a lot of information and evolve then Skynet will be born, this is actually very realistic there was an AI on board the international space station the ignored the commands of the astronauts’ and also keep playing music nonstop in the end the crew was force to shut down the AI.

5G

5G is still in development but the advantages it give are impressive it can give high bandwidth and also a bi-directional it can also gather all network in 1 platform and more effective and efficient and more manageable than another platform before but the disadvantages are difficult to overcome the compatibility of the software and the low range of the network signal are a big problem to handle and also the speed of the technology that the companies are difficult to achieve because of the incomplete technological support in most parts of the world third world countries are not capable on this technologies.

Industry 4.0

Industry 4.0 can adapt to the unpredictability of the market prices it boost productivity and manage the input and output of materials need in production and the flexibility of the industry 4.0 is also amazing because For instance a plant control system could automaticaly adjust output based on fluctuating utility prices, thereby optimizing the costs of production Industry 4.0 has some amazing benefits and has come a long way, but there are still some challenges to overcome. Cybersecutiry is 1 of those concerns are certainly one of the disadvantages of industry 4.0