Jaechul Kim

1. Machine learning is a process of labeling data in order to make computer learn and understand things.

2. Interpreting the data and recognizing patters are extremely important in Machine Learning, because it will make possible for us to train the computers. Without data there is no input to begin the learning process and pattern recognition enables us to train the computers. Accuracy is another important part of the Machine learning process because it is a essential factor to achieve the learning process that we desire. Accuracy will determine how if machine learning is successful or not.

3. AI is bigger field that contains machine learning as a sub-category. Artificial intelligence includes Machine learning as a tool to learn a human intelligence. In other hand machine learning is a process of using input data to train algorithm and output the model for future use.

4. Automated Drawing applications is one of the machine learning applications that is popular nowadays. The application draws according to the given instruction in text, such as nighttime city view.
   Automated chat bot (ChatGPT) is another example of machine learning application.
   Both of these applications could not be built with traditional programming because it needs a model to train itself with Big Data which is what machine learning does. Without self-training it won't be able to produce the result that those applications make.

5. Observation is a single piece of data and feature is a special characteristic of the data. Quantitative data are data that can be measured numerically and Qualitative data are data that can not be measured numerically. All of these terms are important in machine learning because they are used to make the model. It is very important to distinguish between Qualitative and Quantitative data because it determines which data we will use to train our model in Machine Learning.

6. I am very interested in Machine learning because of the fact that it shows some possibilities of technologies that I have dreamed of. I am very interested in new possibilities that makes my childhood dreams come true. Such as the AI painting application which now enables me to make a webtoon even thought I am really bad at drawing. The level of the drawing skill of those applications came to the point where people can't differentiate it from the experts. My biggest goal is to become a part of the project that enables things that weren't able before and achieve something new that didn't exist.