**ASSIGNMENT II**

1A)

According to psychologists, human intelligence may be divided into eight categories:

* Linguistic- Verbal
* Interpersonal
* Intrapersonal
* Logical-Mathematical
* Musical
* Bodily-Kinesthetic
* Visual-Spatial
* Naturalistic

My understanding suggests that I have strong interpersonal skills since I have traits like openness, positivism, active listening, and variety. These are the traits that everyone has to possess in order to succeed in daily life.

2A)

The seven groups that computer scientists have used to categorize artificial intelligence are as follows:

* Machine Learning
* Natural Language Processing
* Expert Systems
* Vision
* Speech
* Planning
* Robotics

3A)

The speaker in the video refers to AI IS UNBIASED ASSUMPTION as the third item that will keep her awake at night.

4A)

Fairness and openness are, to my understanding, the two key pillars of the five outlined in the film that acquire confidence from the AI.

Fairness: After listening to the speaker's explanation in the video on how much we can rely on the fairness of an AI's choice, I decided to go with fairness.

Transparency: Maintaining the algorithm's openness will make sense in terms of AI ethics and will help make AI accessible to small businesses and other industries.

5A)

According to the article, only 20% of data science projects are being put into action. Yes, this will undoubtedly have an impact on the morale of the data science team. I firmly believe that failures are stepping stones to success, so as they fail in many projects, the team will identify their mistakes together and come up with the contemporary solutions, increasing productivity.

6A)

**Failure to understand The Real Business Problem:**

This is one of the biggest problems in any field because there are many differences between example problems and real-life problems because in real life, many things will happen that we can't imagine in the example. To solve this, the data scientist team should be trained using examples from the past as well as examples that are currently happening, and before starting a job, they should complete internships in relevant industries.

**Misapplication of the Analytics /Data Science:**

Many businesses recruit workers who lack the necessary abilities and don't even adequately educate them before they start. This has a significant negative impact because if the employee is unaware of all the options available, he may apply an inappropriate solution to a problem that won't work. Therefore, even if one has a limited skill set, they should be employed with the proper training.

7A)

The ethical issues with AI in the medical industry are discussed in the article. For instance, AI has a lot of potential to transform the healthcare industry. How far can we take an AI's decisions as long as the algorithm is up to a certain point? After all, AI systems are supposed to support healthcare professionals rather than to replace them. Using AI suggestions exclusively without human supervision or clinical judgment may result in mistakes or improper treatment choices.

Face recognition is the second ethical dilemma. Even though technology is utilizing this, the AI is making a lot of mistakes at this point. A Black guy in Detroit is wrongfully detained for a crime that he did not commit. Up to a point, AI decisions are fine, but pushing ahead solely on their own is not better. In my opinion, an AI choice should only be one of several factors taken into account.