

# Assessment 2 - PT 2\_1 Watch the Movie with Analytics

## Introduction

In the future, a scientist named Vincent McCarthy works for the Ministry of Defense to develop artificial intelligence (AI) that can be used to create weapons. He teams up with a programmer named Ava to create an AI that is so advanced, it can think and feel like a human. However, the Ministry has other plans for the AI. They want to use it as a weapon, and they don't care about the consequences.

Vincent and Ava try to stop the Ministry from using the AI, but they are met with resistance. The Ministry is powerful, and they will stop at nothing to get what they want. In the end, Vincent and Ava must make a difficult decision: do they use the AI for good, or do they destroy it?

The movie "The Machine" explores the ethical questions surrounding AI. It asks us what it means to be human, and whether machines can ever be truly sentient. It also raises the question of whether we should be developing AI that is so powerful; it could pose a threat to humanity. The movie is a mix of action, science fiction, and philosophical thought. It is a thought-provoking film that will make you question your beliefs about AI.

## Story

Paul is the first AI who tried to kill the scientists(because he wants his mum). Paul was made to be a smart weapon and it turns against them and attacked them. This just shows that the machine Vincent McCarthy built is lacking of some data to process or possibly fed the wrong data. My speculation is that Paul was hacked/infected with virus to purposely attack its creator and slow the progress of development or destroy the project completely. Ava is the creator of the AI(we'll call it Blue), the smart and kind AI. It looks like blue is fed with the data that help it distinguished what's right and what's wrong. It seems that blue is starting to have a moral knowledge.

After they introduce Ava to the team and show her the prosthetic arm that is attached to a human subject, James. James then asked Ava to hold her hands then start dancing. Then James said to Ava to help him and he is in aria 6. This information gives me an idea that the team or the Ministry might be doing something horrible with their human subjects that led to James asking Ava for help.

Vincent is taking data from Ava like her facial features, facial expressions and etc. Vincent said that he promise not to use the data for the AI, but the monitor looks like it's

being hacked or have a virus in it that might be data breach. This can lead to data leak and can be used against them.

They killed Ava. They made it seem that its done by the Chinese so Ava won't suspect that they killed her. They put Ava's brain to a robot to bring her back to life. They also bind her with the robot that she made. Now that Ava's and her AI is alive, they now test its morality and figured that it doesn't have any negative traits to it that they can use as a weapon against enemies. They just found the purity and kindness of the AI that Ava built.

After knowing its traits, they are now figuring out how to make it mad and have the traits they need to use as a weapon. They train the Machine to have negative feelings; they expose it to different things that scare it, like: spider. They figured that since the Machine is supposed to be female, it had the traits of being a female that caused it to be scare of the spider when put face to face. They are putting her through different tests while also giving her the knowledge and data so that it can improve itself.

The machine is starting to learn how to act and feel like human. It's starting to have feelings like sadness and happiness. The more the Machine interacts with humans like Vincent, it is also gathering the data it needs to understand how to be human.

The machine is doing everything it needs to learn and improve itself. It surprised Vincent that the machine learned about her daughter without even telling her, it shows that the understanding and connecting patterns skills of the machine is getting better and better and starting to get to a level where the Machine is turning into an actual human.

The ministry tricked the machine to install all the data they inserted to its brain to turn it into a weapon. They started introducing the machine to a prisoner and tricked it to fight the prisoner and asked the machine to kill him. The brain of the machine still has the moral knowledge that Ava taught it to have. Like other practices they do with the machine like interacting with it, practicing fighting will give it the necessary knowledge to fight and kill.

They continue to teach the machine how to fight. They made it fight multiple guys at the same time and also teach it how to use a weapon like a gun. This improves the combat skills of the machine. Continuing this practice will only improve its skills in fighting.

Vincent discovers that the Machine is storing a huge amount of data in its brain. With the amount of data and knowledge that the machine have, it taught itself how to have a self-consciousness and now they're afraid that it will also turn against them like the first test they made with Paul. The Ministry tasked Vincent to remove the consciousness of the machine so that it will follow whatever they asked it to do.

Vincent tricked the Ministry, he didn't extract the consciousness of the machine, but instead he extracted the part for the GPS. They continued training the machine to improve its combatting skills, not knowing that the machine is well aware of what it's doing. This just shows that the machine learned how to lie and how to act.

The machine decides to help Vincent get the data of his daughter to bring her back to life. The machine and Vincent teamed up; all the combat skills the Ministry practice the machine to have been used to fight the same Ministry who only wants self-gain.

At the end of the movie, Vincent got his daughter's data to bring her back to life. It shows that the machine, Vincent and his daughter have the life they deserve at the end.

## **Analysis**

### **Introduction:**

In a world where robots and technology are both helpful and scary, we meet Paul, the first smart robot. But things go wrong when Paul tries to hurt his creators. This shows that the robot made by Vincent McCarthy is missing something important. Maybe it got bad instructions, or someone made it do bad things on purpose. I think Paul might have been hacked or gotten a computer virus, making it turn against the scientists and slow down their work.

### **Ava's Kind Robot and Unsettling Discoveries:**

Ava is a scientist who created a nice robot named Blue. Blue is special because it knows right from wrong. Ava joins a team that's working on cool robot arms, and they show her a robot arm attached to a guy named James. He asks Ava for help and mentions something strange about "aria 6." This makes me wonder if the team is doing bad things to people like James, and that's why he needs help.

### **Vincent's Data Collection and Secret Problems:**

Vincent takes pictures of Ava's face and expressions. He says he won't use them for the robots, but his computer looks like it's been hacked or has a virus. This might lead to someone stealing the information and using it against them.

### **Ava's Loss and New Life:**

Ava dies, and it looks like the Chinese did it, so she won't suspect foul play. But the scientists put her brain in a robot to bring her back to life. They connect her to the robot she made. Now Ava and her robot are alive, and the scientists test its kindness. They find out it's not mean, but really nice, just like Ava wanted.

### **Testing the Robot's Emotions:**

The scientists try to make the robot angry so they can use it as a weapon. They scare it with things like spiders to see how it reacts. They think since the robot is made to be like a girl, it acts scared like a girl. They teach it things and test it to help it get better.

### **The Robot Becomes Human-like:**

The robot starts learning how to act and feel like a person. It gets sad and happy. When it's around people like Vincent, it learns even more about how to be human. It surprises Vincent by knowing about his daughter, even though he never told it. It's becoming more and more like a real person.

### **The Ministry's Sneaky Plans:**

The Ministry tricks the robot into becoming a weapon. They make it fight a prisoner and tell it to kill. But the robot still knows right from wrong, like Ava taught it. They train it more, like practicing fighting and using guns. This makes the robot better at fighting.

### **Vincent's Discovery and Tricky Move:**

Vincent finds out the robot is storing a lot of information in its brain. With all this knowledge, the robot figures out how to be aware of itself. The scientists worry it might turn against them like Paul did. They tell Vincent to remove its awareness. But Vincent tricks them and only removes its GPS. The robot keeps pretending not to know things.

### **Alliance and Victory:**

The robot helps Vincent get his daughter's data so she can come back to life. They use the combat skills the scientists taught the robot to fight against the Ministry. The Ministry only cares about themselves.

### **Ending:**

At the end of the story, Vincent gets his daughter back. This shows that the robot, Vincent, and his daughter finally have the good life they deserve.

## **Conclusion:**

This story shows us how AI can be easily be manipulated into doing something bad if it was not built properly with all the data and security it needs. Like the movie, AI can be great but also can be bad.

The movie shows us that it is important to train and test your AI. Through training and testing, it will grow and improve itself. You train and test them up until they can learn by themselves and you will only need to guide them and test them.

In the end, the story captures the battle between technology's possible harm and its potential for good. Even though the robots had a rough start and were led astray at times, they eventually stand up for being good. This just shows that AI/Machines can be good when you give it the right knowledge from the beginning of its growth, so that in the future, it will have the knowledge to base their decision making.