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I think that artificial intelligence is the attempt to emulate human intelligence. I believe that true AI must be able to sense its environment and perform actions based on it's situation. AI must be able to make its own decision whether that is based on prior situations that it knows how to handle, or new unknown situations. This model is based off of human intelligence and being able to associate or categorize events passed in through the AI's senses / sensors. I think that AI has to be able to do more than just follow a predetermined path and that it has to make decisions that the developers did not tell it to make, but not in the sense of disobedience. I mean this in the sense that for something to be considered Artificially Intelligent it has to be capable of adapting to unfamiliar situations.

I expect to learn how to implement Artificial Intelligence in any of my future programming tasks. I expect to learn about Tensor Flow and Neural Networks using Python. Python is currently the largest AI programming language and I think that in order to be successful in the AI industry I need to have a strong understanding of Python and how to incorporate the language with Artificial Intelligent models. I expect to learn about Deep Learning and Machine Learning and understand the differences. I expect to be able to pursue any AI tasks after taking this course. I expect to learn about the resources that I should be using to further my understanding of AI and Python. I also really want to learn about Image Recognition and kind of expect to learn more about it in this course, but I am unaware if that fits into the scope of this course and I would be content if that topic is not covered. I also expect to learn some, obviously not all, of the math behind what the current iteration of Artificial Intelligence is and how to apply it.