



1-2 Discussion: Introduction to Artificial Intelligence

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1-2 Discussion: Introduction to Artificial Intelligence

Abiel Zamora posted Jun 29, 2023 8:25 PM [Subscribed](#)

Hello class,

my name is Abiel and I live in Florida while pursuing my bachelor's in computer science. An example of an intelligent system could be a Roomba or any sort of automated robot vacuum. This is due to the system being able to respond to the world and also being able to gather data, like knowing where a wall is to make a turn. The difference between AI and machine learning is that AI needs instruction to learn, function, solve problems, and learn while ML doesn't need instruction to continue learning, it can do it on its own. I am very excited to learn more about AI and intelligent systems in this course.

Thank you for your time!

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Michelle Lee

June 30 at 7:15 PM

Hi Abiel, you had a really good example for intelligent systems. AI is really useful for being able to automate tasks and things that would take a lot of time. It is really interesting that they can learn on their own and be able to keep up with current data as they go. You had good points in your post!

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Timothy Alexander

July 2 at 10:20 PM

Welcome, Abiel, nice to meet you! I think Roomba is a great example of an intelligent system. I actually have 2 - one an older roomba vacuum that just sort of bounces around and doesn't learn and isn't too intelligent; the other a new iRobot mop that maps the floorplan and learns from every run it makes. Great example - looking forward to working with you this term!

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Joey Manzano

July 2 at 10:28 PM

Hello Abiel,

The Roomba is a fantastic peice of technology that solves a task for a user by eliminating the labor needed to perform it. Alexa is similar in that way but the tasks are very different. Some Roombas can even be started by an Alexa. Great post.

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Joel De Alba

July 2 at 10:49 PM

Hello Abiel nice to meet you,

This was a very good example of AI and Machine Learning as the Roomba uses its sensors or buttons to map the areas of the house or building it travels and cleans then sends or stores the data for future starting reference. Any objects that are in its way it manages around them and re-maps the cleaning path. This type of system can learn the proper directions to travel and clean, as well as the fact that it is able to return to its dock and charge or empty. Very good post thank you.

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Exemplary

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