| Term | Definition |  |  |  |
| --- | --- | --- | --- | --- |
| Artificial Intelligence (AI) |  |  |  |  |
| Artificial General Intelligence (AGI) | Sometimes referred to as Weak AI, Artificial Narrow Intelligence is AI that specializes in one area. There’s AI that can beat the world chess champion in chess, but that’s the only thing it does. Ask it to figure out a better way to store data on a hard drive, and it’ll look at you blankly. |  |  |  |
| Artificial Narrow Intelligence (ANI) | Strong AI, or Human-Level AI, Artificial General Intelligence refers to a computer that is as smart as a human across the board—a machine that can perform any intellectual task that a human being can. Creating AGI is a much harder task than creating ANI, and we’re yet to do it. Professor Linda Gottfredson describes intelligence as “a very general mental capability that, among other things, involves the ability to reason, plan, solve problems, think abstractly, comprehend complex ideas, learn quickly, and learn from experience.” AGI would be able to do all of those things as easily as you can. |  |  |  |
| Artificial Superintelligence (ASI) | Oxford philosopher and leading AI thinker Nick Bostrom defines superintelligence as “an intellect that is much smarter than the best human brains in practically every field, including scientific creativity, general wisdom and social skills.” Artificial Superintelligence ranges from a computer that’s just a little smarter than a human to one that’s trillions of times smarter—across the board. ASI is the reason the topic of AI is such a spicy meatball and why the words immortality and extinction will both appear in these posts multiple times. |  |  |  |
| PEAS | Performance Measure, Environment, Actuators, Sensors |  |  |  |
| Intelligent Agents |  |  |  |  |
| Environment |  |  |  |  |
| Performance Measure |  |  |  |  |
| Environment |  |  |  |  |
| Actuators |  |  |  |  |
| Sensors |  |  |  |  |
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The 6 Best Free Online Artificial Intelligence Courses For 2018 (Bernard Marr)

<https://www.bernardmarr.com/default.asp?contentID=963>

* [Learn with Google AI](https://ai.google/education/)
* [Google – Machine Learning](https://www.class-central.com/course/udacity-deep-learning-5681)
* [Stanford University – Machine Learning](https://www.coursera.org/learn/machine-learning)
* [Columbia University – Machine Learning](https://www.class-central.com/course/edx-machine-learning-7231)
* [Nvidia – Fundamentals of Deep Learning for Computer Vision](https://www.class-central.com/course/fundamentals-of-deep-learning-for-computer-vision-10730)
* [MIT – Deep Learning for Self Driving Cars](https://selfdrivingcars.mit.edu/)