Xue Zhan (Brian) Huang

Data and Analytics 2502, Section 003

Youngjin Kwon

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**MIS2502: Data Analytics Optional Extra Credit Assignment**

In society today, artificial intelligence is used on an everyday basis and even implemented within many businesses' technology. Artificial intelligence is the idea of a machine being able to perform human tasks and possess human-like intelligence. It is heavily invested in many companies as it produces quality results and increases productivity. Today, artificial intelligence is important because it revolves around the everyday technology that people interact with, allowing them to perform their tasks more efficiently within their workplace.

This is a topic related to software such as MySQL and MongoDB covered in the course. MySQL is a relational database used to prevent security breaches and stores large amounts of data. MongoDB is a distributed database commonly used to store data within JSON documents. Artificial intelligence makes tasks more sustainable and often involves machine learning. It is related to MySQL and MongoDB because it similarly uses the knowledge that it was programmed to do. It builds on what we learned throughout the course because MySQL and MongoDB both use machine learning. It learns to follow specific algorithms and utilize data to solve several problems. An example of artificial intelligence applied is technology such as automobiles like Tesla, robotics, and many more.

There are three types of artificial intelligence: Narrow, General, and Superintelligence. Artificial narrow intelligence is a machine that does several tasks that it is only programmed to do. An example of this is Tesla. Tesla has an auto-pilot feature within their automobile that brings drivers to their destination without them touching anything. It also selects the best alternative route and provides information to the driver of nearby objects. It can take control of the task of its driver that it is programmed to do without having them do much work.

Artificial general intelligence is a machine that can learn and uses its knowledge to solve any problems. It acts the way a human does and adjusts its behavior accordingly to the situation. Sophia is an example closest to artificial general intelligence because it is programmed to adapt to the human culture and their languages in a way that enables her to interact and connect with humans. Yet, the way Sophia responds does not accurately mimic how a human would.

Lastly, there is artificial superintelligence. Artificial superintelligence is a machine that surpasses human abilities and intelligence. Currently, there is no machine close to artificial superintelligence.

**Works Cited**

Daley, Sam. “28 Examples of Artificial Intelligence Shaking up Business as Usual.” *Built In*, <https://builtin.com/artificial-intelligence/examples-ai-in-industry>.

Escott, Eban. “What Are the 3 Types of Ai? A Guide to Narrow, General, and Super Artificial Intelligence.” *Codebots*, 24 Oct. 2017, <https://codebots.com/artificial-intelligence/the-3-types-of-ai-is-the-third-even-possible>.

Greshko, Michael. “Meet Sophia, the Robot That Looks Almost Human.” *Photography*, National Geographic, 3 May 2021, <https://www.nationalgeographic.com/photography/article/sophia-robot-artificial-intelligence-science>.

LaRoche, Britton. “4 Reasons Why Mongodb Atlas Is Great for Machine Learning.” *Medium*, Becoming Human: Artificial Intelligence Magazine, 28 Jan. 2021, <https://becominghuman.ai/4-reasons-why-mongodb-atlas-is-great-for-machine-learning-1140406be3a>.

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“Top Databases Used in Machine Learning Projects.” *Analytics India Magazine*, 7 Oct. 2021, <https://analyticsindiamag.com/top-databases-used-in-machine-learning-projects/>.

“Types of AI: Distinguishing between Weak, Strong, and Super Ai.” *ThinkAutomation*, 24 Feb. 2021, <https://www.thinkautomation.com/bots-and-ai/types-of-ai-distinguishing-between-weak-strong-and-super-ai/>.