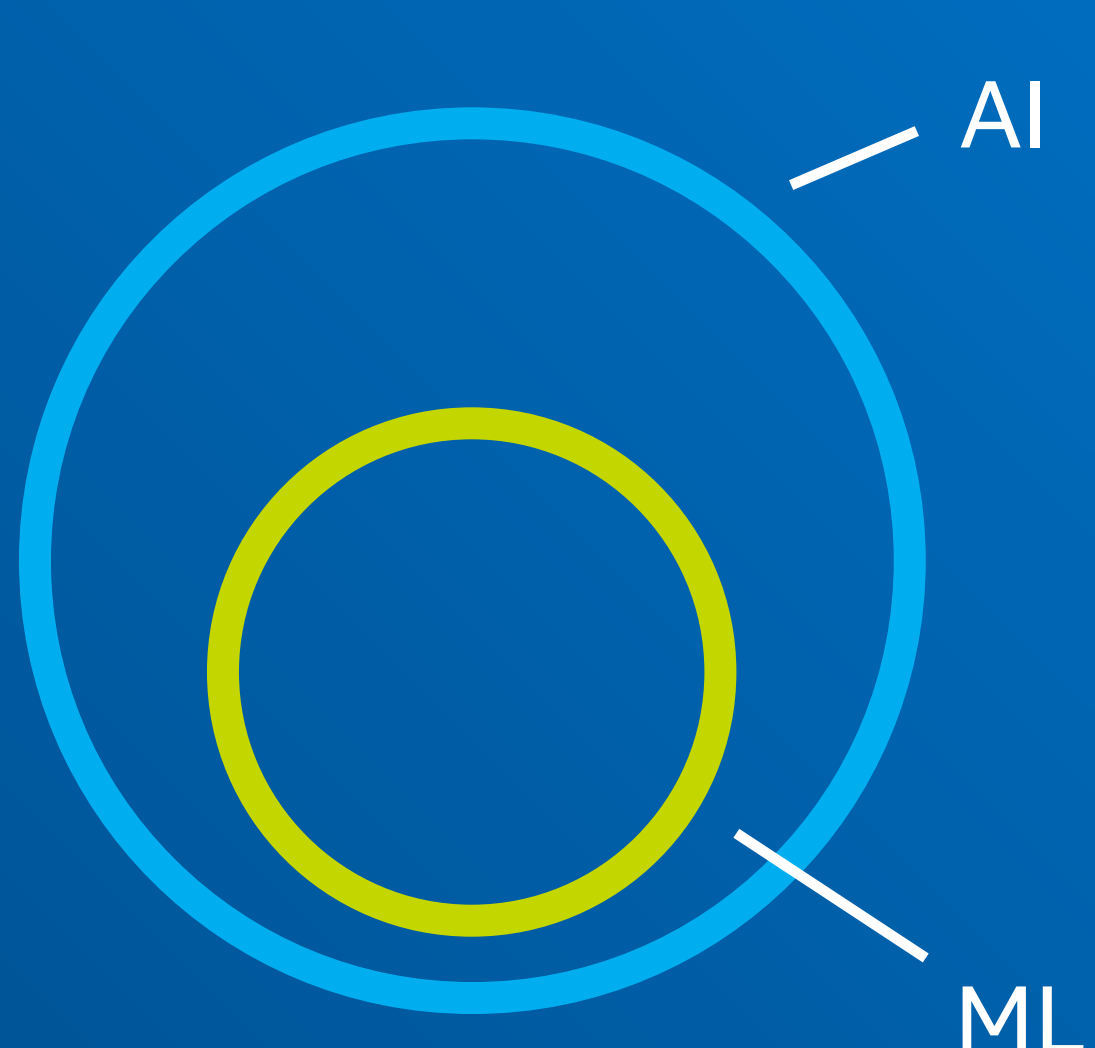


ARTIFICIAL INTELLIGENCE 101



In our smart and connected world, machines are increasing learning to sense, learn, reason, act and adapt to the real world. This is **Artificial Intelligence**.

Machine Learning (ML) is a computational method that allows machines to act or think without being explicitly directed to perform specific functions.

Doctors can utilize insights to diagnose conditions earlier and more accurately, leading to quicker treatment and more lives saved.



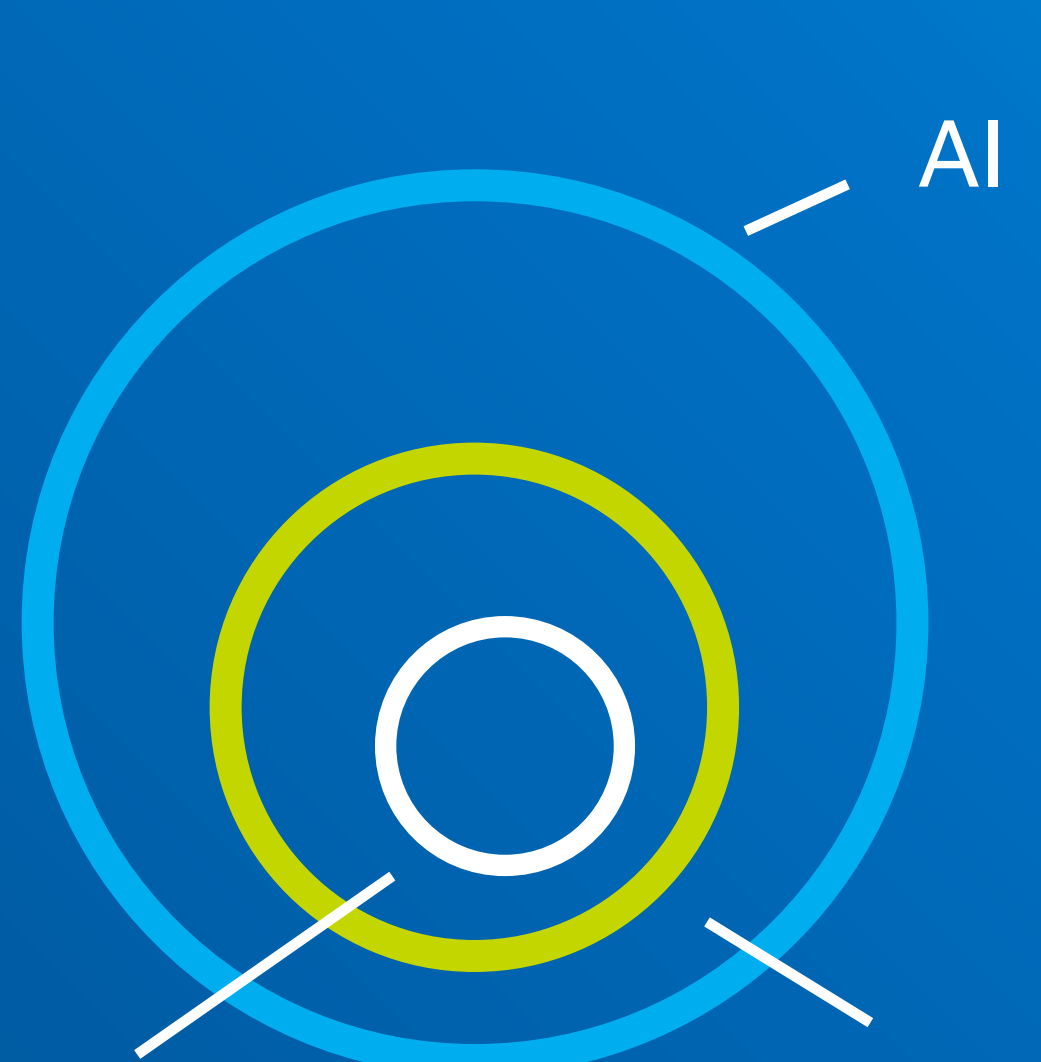
Autonomous cars can learn from data and the experience of millions of cars, resulting in a much safer commute.

Banks can crack down on fraud before it happens by dynamically analyzing spending patterns and rapidly identifying unusual activity.



Farmers can increase crop yield based on real-time insights from weather and soil data, producing more food even in unpredictable climates.

Athletes can design customized, data-based training programs which improve performance and reduce risk of injury for more home runs, faster sprints and longer careers.



Deep learning is a branch of ML that uses neural network models to understand large amounts of data. It can accelerate processes like image and speech recognition, and natural language recognition.

FUN FACT!

Did you know that the human brain has over 100 billion neurons, not to mention a series of complex biological processes that are still under investigation, compared with just over 1 billion nodes in the most complex neural network to date?



For more info, visit:

www.intel.com/machinelearning

