Yogesh Haribhau Kulkarni

Principal Architect (CTO Office, Icertis) | PhD in Geometric Modeling | Google Developer Expert (Machine Learning) | Rasa Hero (Conversational AI) | Neo4j Ninja (Graph Data Science) | Mentor (Mid-career Transition)

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Reinforcement Learning (RL) is part of Machine Learning (ML), which learns by trial-n-error, just like a child learns walking. Compared to other types of ML, RL differs in following way:
- if you have labeled data : use supervised ML
- if you have data but no labels: use unsupervised ML
- if you don't have data itself, but a notion of success: use RL

IMO, RL is closest what will lead us to AGI (Artificial General Intelligence) and it has shown this prowess in many fields, especially in Games (remember Alpha Go!!).
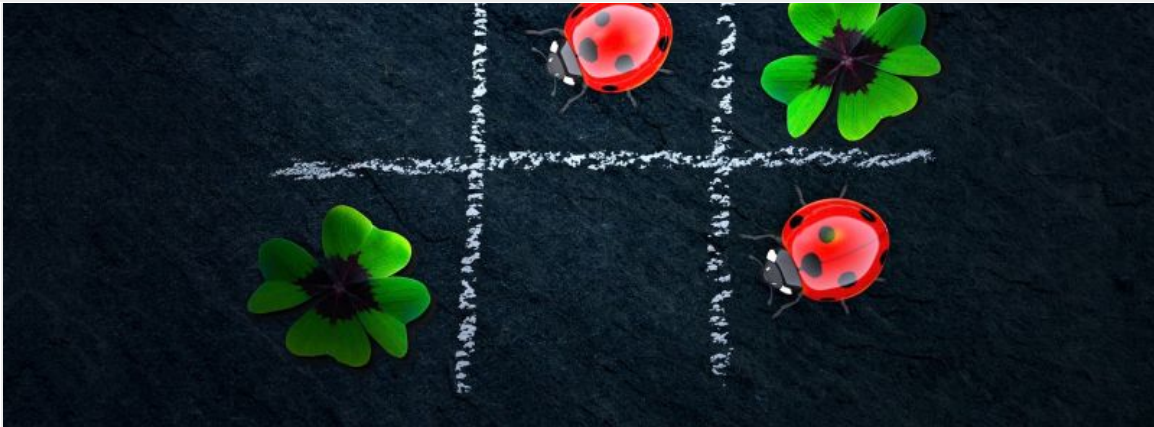
In a large scheme of things, RL is just one more Optimization technique, where we are maximizing for rewards, while honoring the constraints and outcome is the best path to the rewards.

Open-sourcing my course/seminar/workshop material about RL at my GitHub repo (yogeshhk/TeachingDataScience). Feel free to copy, use and suggest if any changes are needed. Familiarity with LaTeX is needed to compile, though.

A few of the companies recommended to follow are **DeepMind**,**OpenAI** and **InstaDeep Ltd**.

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Akash Dolas • 1st   3mo •••
Ex - Program Head - Innovation at Makers Lab, Tech Mahindra and Motorcycle
Enthusiast

Agree a simple example would be you are on lone island and you will learn
from the environment of that particular **island.You** act as agent in
environment.

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Ex - Program Head - Innovation at Makers Lab, Tech Mahindra and Motorcycle Enthusiast

Yogesh Kulkarni I think Alpha Go still doesn't cross the General Intelligence as we request or rather assign tasks to the machine.However few may debate.We are just playing in Narrow or Shallow AI.

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Vikas Chougule, PhD • 1st   3mo •••

Professor HMED | Mechanical Engineer | BioCAD Modeling, 3D Printing | Digital Manufacturing | DICOM, STL | Solidworks, Fusion360

I think this is simplest explanation for RL

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