



ArisaVid Academy

To truly understand how this digital awakening happens, we must first look at the core engine driving it: Machine Learning (ML). In the past, traditional software relied on strict, step-by-step instructions written by human programmers. If a rule was missing, the program simply could not function. Machine Learning, however, takes a completely different approach. Instead of following rigid rules, it gives computers the remarkable ability to learn directly from data. Think of it like teaching a child to recognize a car; you do not give them a complex mathematical formula of a vehicle. You just show them many examples. In a similar way, ML algorithms scan massive datasets to find hidden patterns. Once they understand these patterns, they can make accurate predictions or decisions in new situations without needing explicit programming for every single step.

As we dive deeper into this field, we find that Machine Learning is a broad umbrella that contains even more specialized branches. The most powerful of these is Deep Learning (DL), which is the technology behind today's most advanced AI tools. Deep Learning is loosely inspired by the structure of the human brain.

Website: www.arisavid.ai

E-mail of instructor: Learnwithshirinrad@gmail.com