

MACHINE LEARNING: The answer to our questions in the digital life?

-Vinay Kamte

In today's day and age, we lead two different lives, one in which we eat, sleep, work, walk, run etc. The other life that we spent in front of a screen be it our phones, computers, tablets etc. The most inevitable part of our digital life is the data. Give it a moment, to think how much amount of data do we deal with on a daily basis, be it from our work, social networking sites like WhatsApp, Instagram, Twitter etc. The amount of data is ever-increasing and it doesn't seem to be slowing down anytime soon. We as humans, followed a pattern of analyzing the data and the changes in the data patterns manually, but as the volume of data has surpassed ability of a human to do the analysis, we move towards the automated systems for future advancements, this is basically called as Machine learning.

Machine learning is a subset of man-made consciousness in the field of software engineering that regularly utilizes measurable systems to enable PCs to "learn" (i.e., dynamically enhance execution on a particular errand) with information, without being unequivocally programmed.

Applications of Machine learning have been imbibed very much into our digital life. Be it the video recommendations on YouTube, or the search recommendation on Google, or the face recognition on various systems are all applications of machine learning.

It was not long time ago that machine learning was considered as a very alien concept, but the speed at which technology is overtaking our lives, the time is not too far away that it will be **expected** that our systems are personalized, insightful and self-correcting, which can be achieved with the help of machine learning.