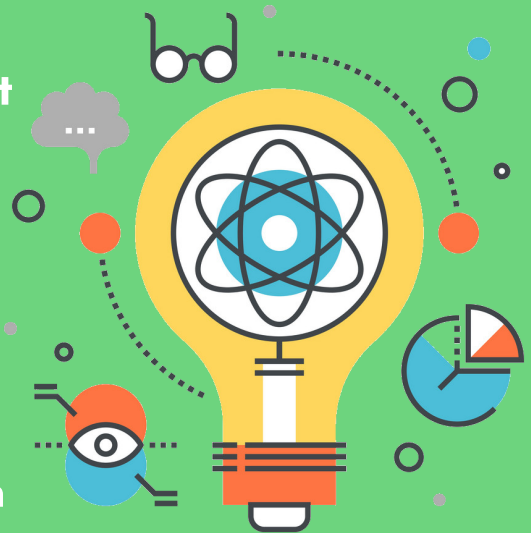


INNOVATION AND ENTREPRENEURSHIP



Innovation and Entrepreneurship are two terms which are quite often related to each other. But how does innovation create room for entrepreneurship? To understand this, let us get into the story of an MIT professor who discovered a novel method to apply **deep learning algorithms by using CPUs** and achieved results similar to that of while applying them with state of the art GPUs.

The discovery that led **Prof. Nir Shavit** to start a company came about the way most discoveries do: **by accident**. The MIT professor was working on a project to reconstruct the map of a mouse's brain and needed some help from deep learning. Not knowing how to program graphics cards or GPUs, the most common hardware choice for deep learning models, he opted instead for a CPU, the most generic computer chip found in any average laptop.



Prof. Shavit recalls, ***"I realized that a CPU can do what a GPU does -- if programmed in the right way"***.