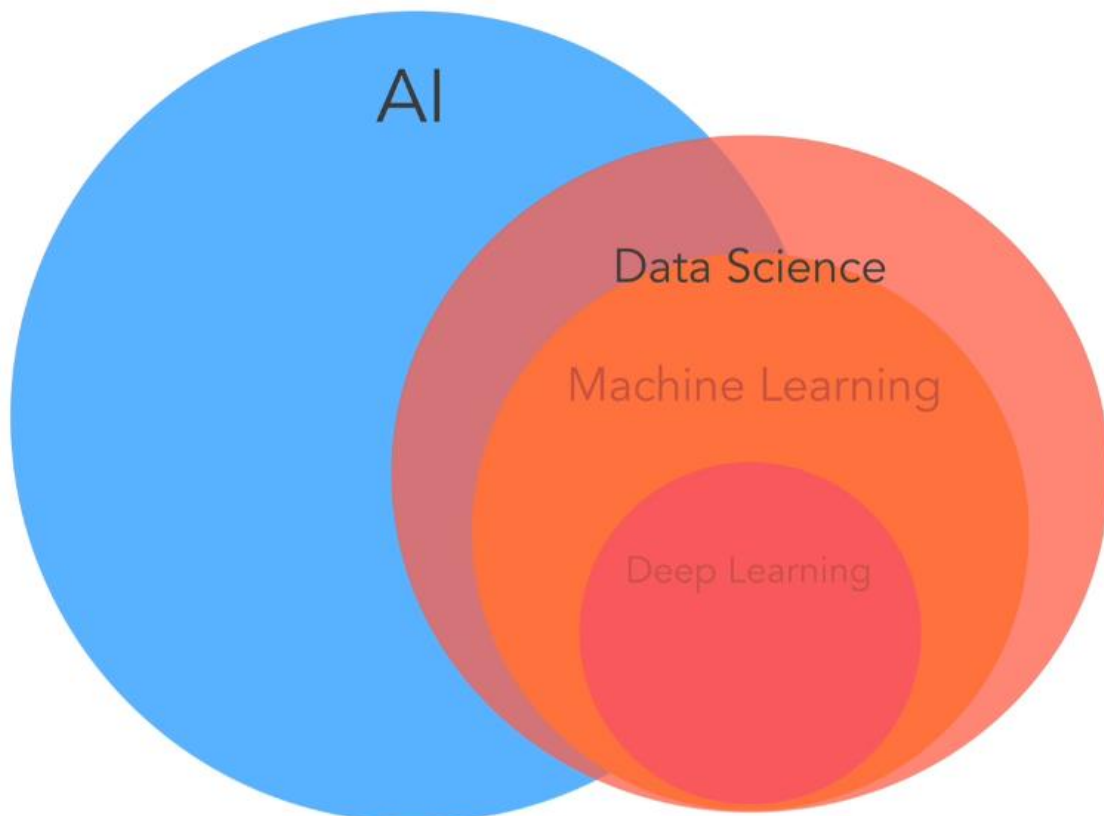
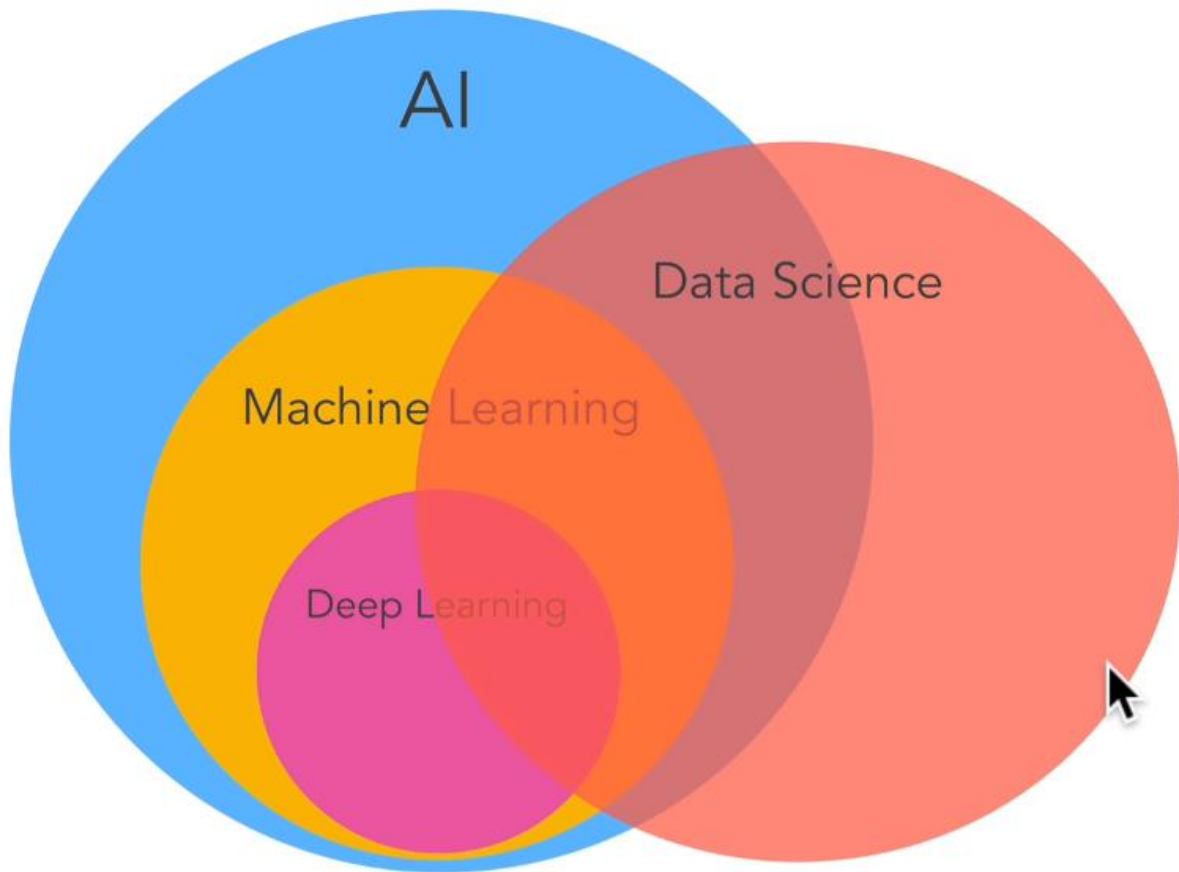
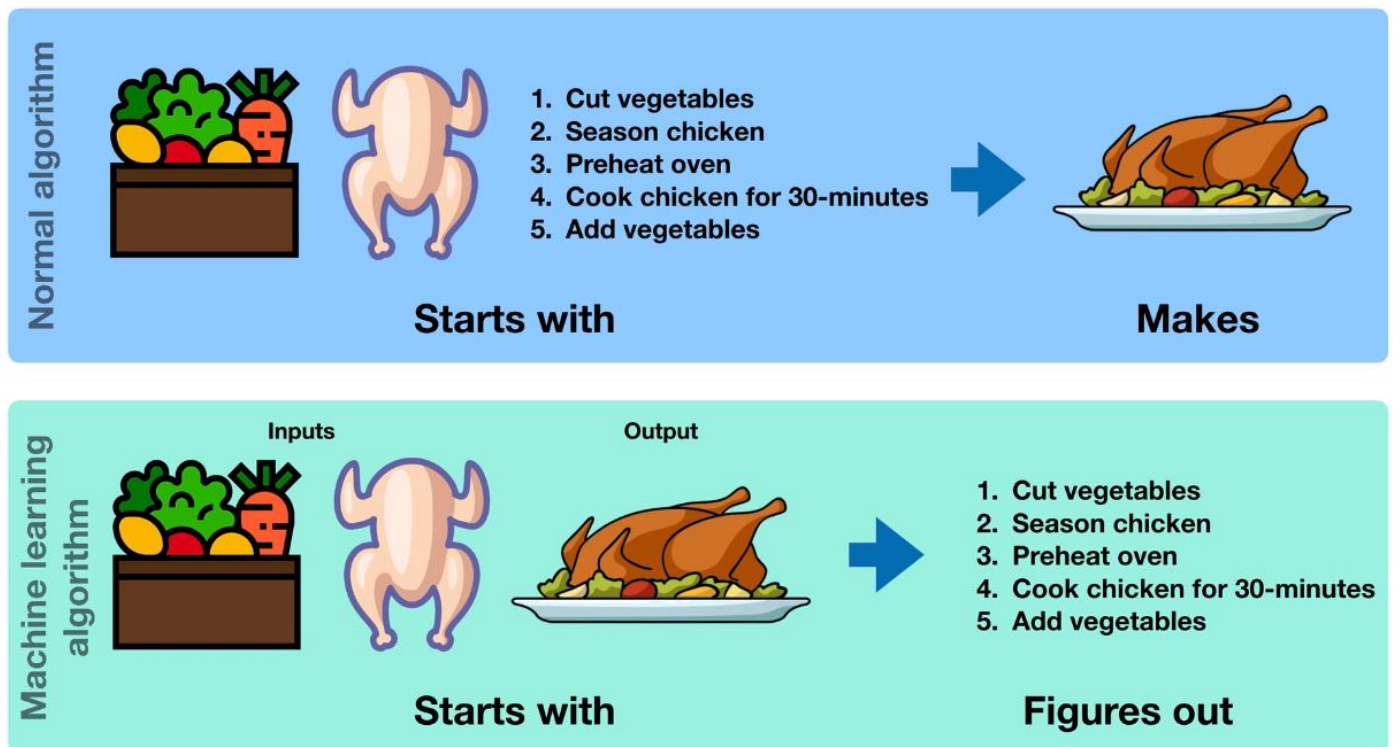


Clarification between machine learning, AI, Data Science and deep learning:



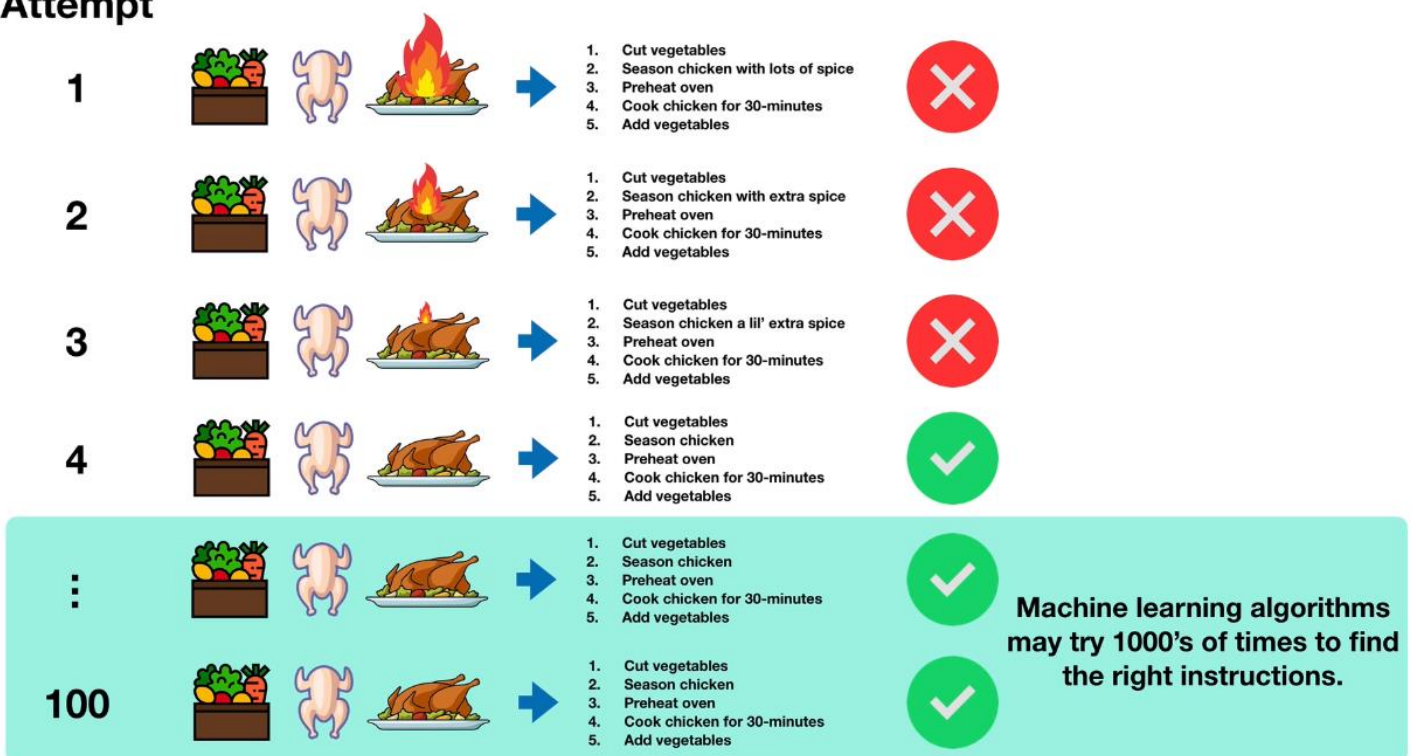
Difference between normal computer and machine learning?



Here in the above example:

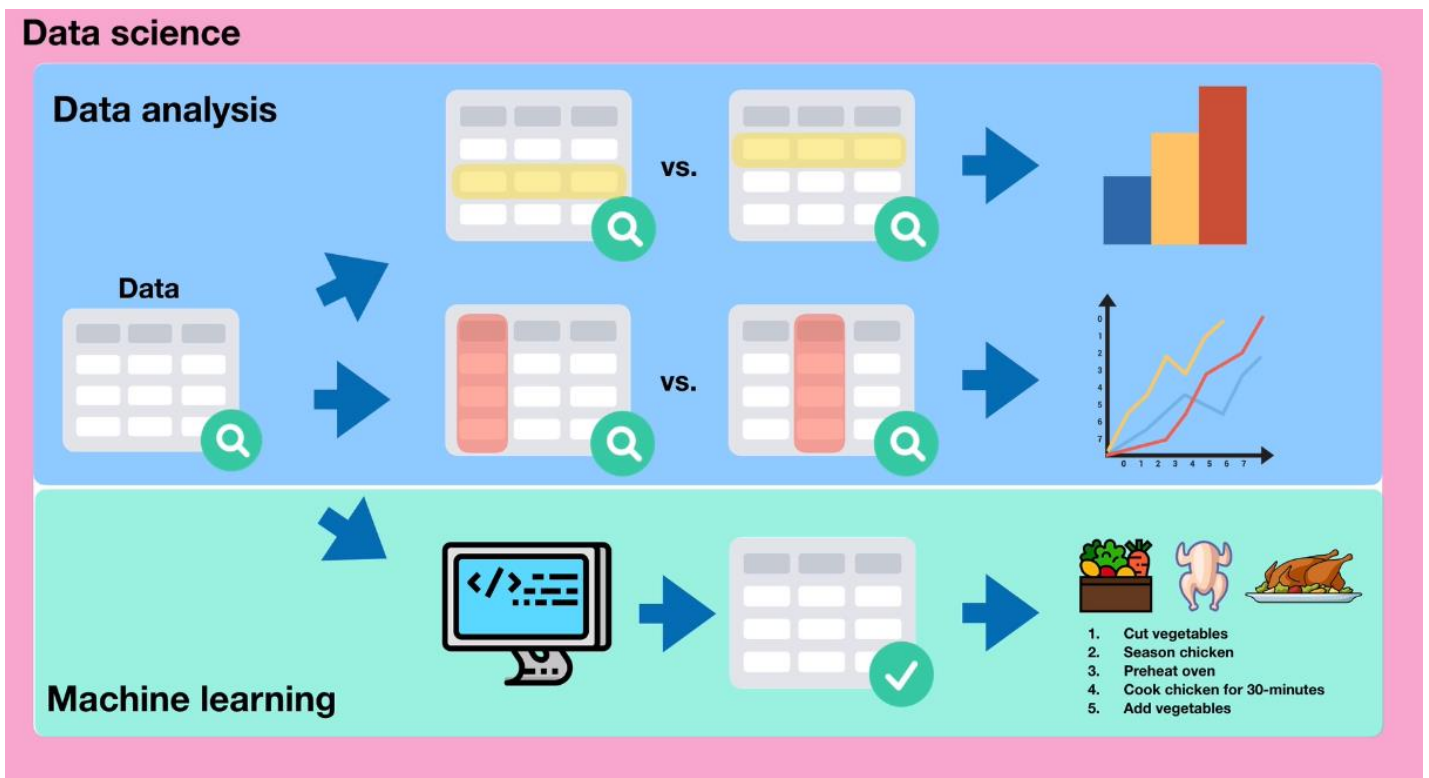
- We generally give set of instruction to the machine\computer to get the desirable output\result
- However in case of machine learning algorithm, we provide the machine with set of data(above example mai data inputs and outputs hai), to find out the patterns ,where the machine finding out the recipe by analyzing the given data.

Attempt



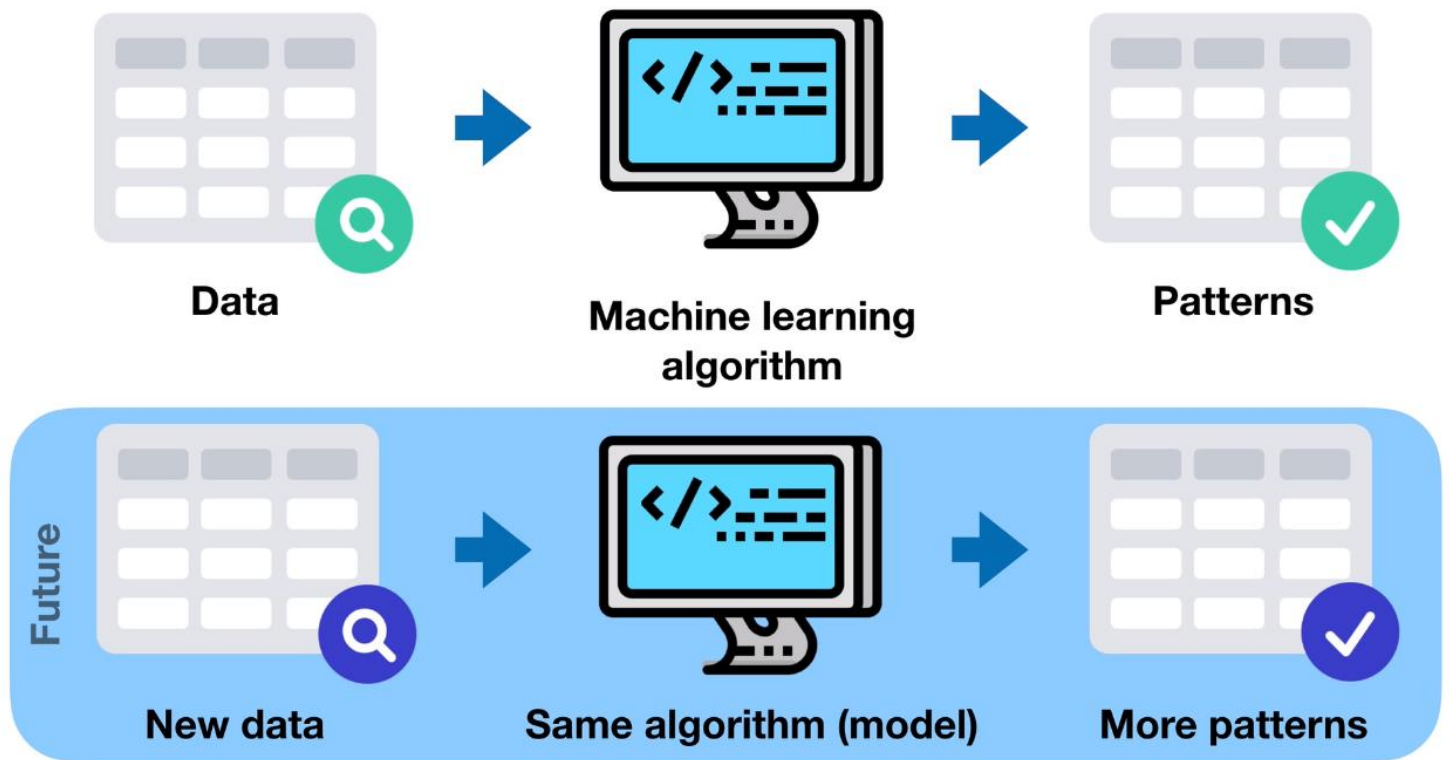
- But one thing to keep in mind, is that, the machine learning algorithms , take multiple attempts to find out the most accurate pattern or the pattern needed for success. Here in the example the 100th attempt turned out to be most accurate(correct recipe for making the grilled chicken).

How it is different from data analysis and data science?



- Data science include, data analysis and machine learning.
- Where, data analysis, include data comparison and its representation
- However, in machine learning data is analyzed to find patterns. (which we ll see , further one , how data is molded or analyzed)

Machine Learning Definition?



Machine learning analysis the data to produce the patterns\algorithms. For more accurate patterns\algorithms, it needs huge amount of data to trained on it well.

Ex: YouTube, Instagram's. etc. algorithms are made by their own machine learning, which is helping their company earn tons of money by engaging higher audience.