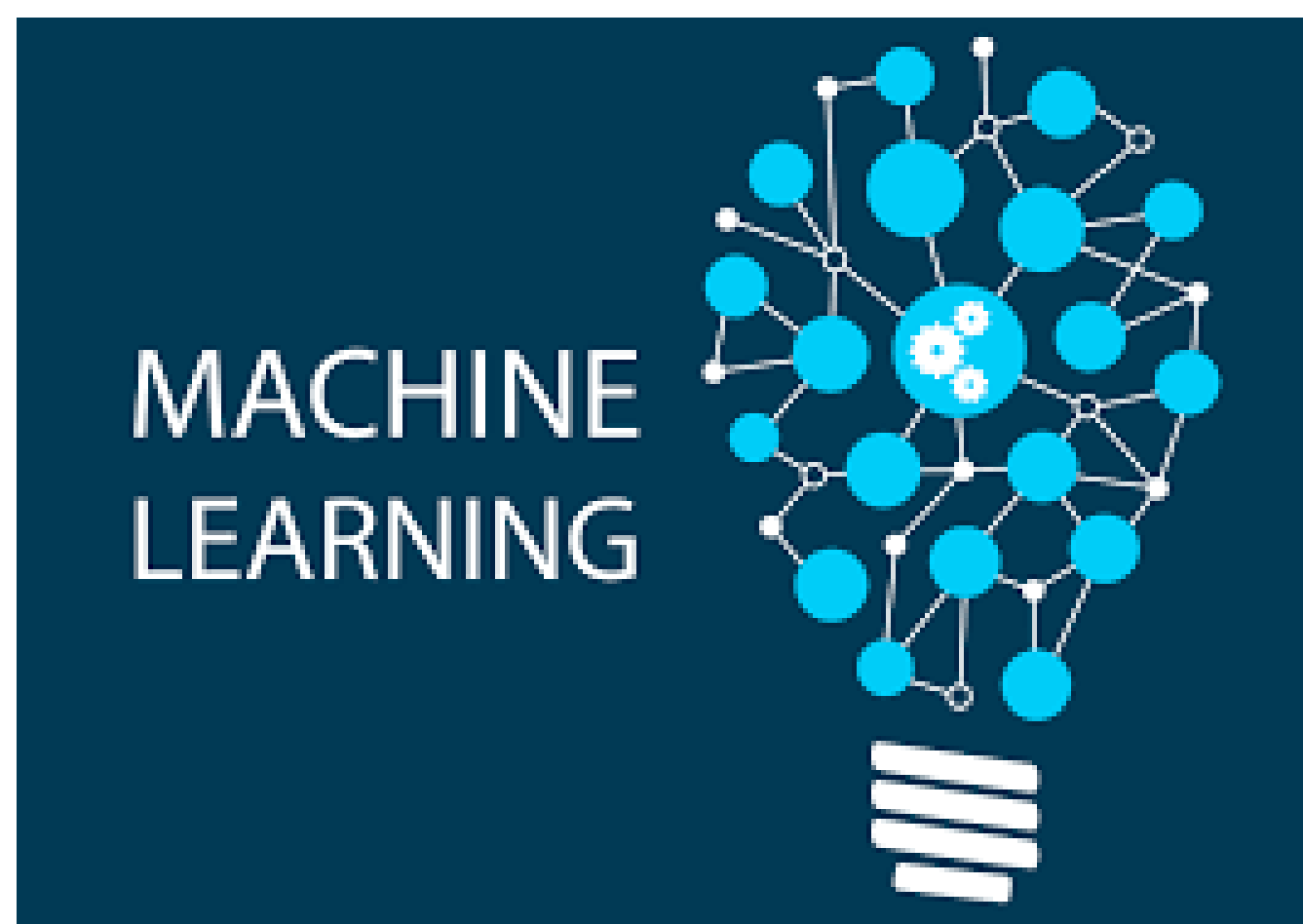
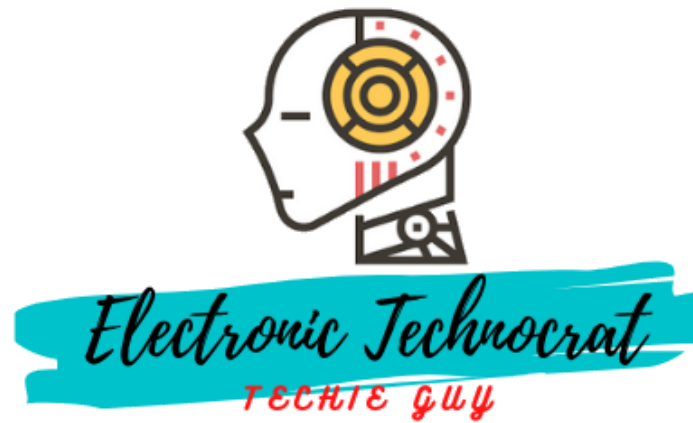


MACHINE LEARNING SNIPPETS

Types of Techniques

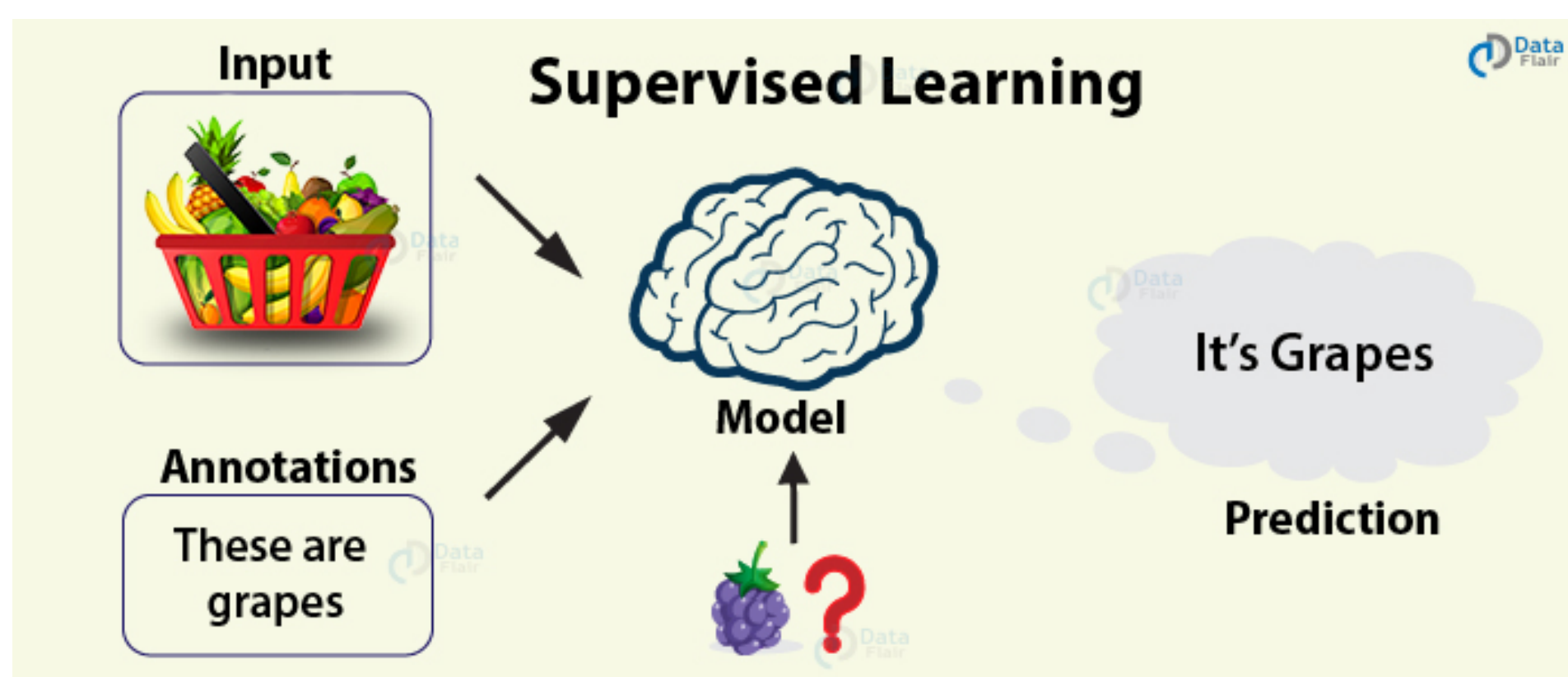
- It's rightly said that your data is only as good as what you do with it and how you manage it. Businesses and technology leaders apply machine learning, experiment, anticipate and predict the future.
- The machine learning is used to build predictive models by extracting patterns from large datasets. In predictive data, these models are helpful. It is used in analytics applications like price prediction, risk assessment, predicting customer behavior, and document classification.

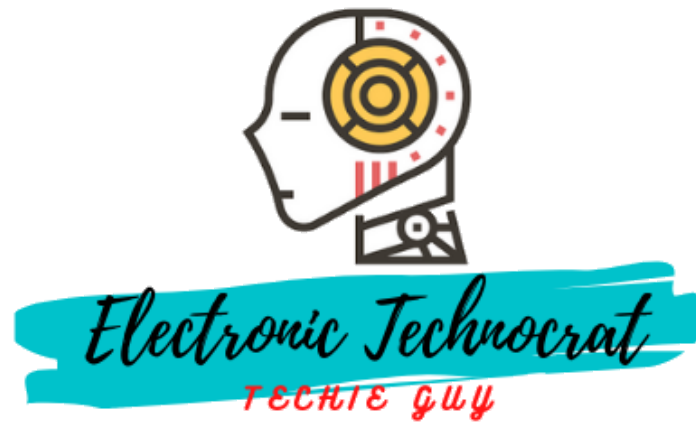




Supervised Learning:-

- Supervised learning as the name suggests getting supervised by someone. It is a learning in which the machine uses data which is already tagged with the correct answer. After that, the machine is provided with a new set of data.
- With the help of supervised learning, the algorithm analyzes the training data (set of training examples) and produces a correct outcome from labeled data.
- Here the machine has already learned the things from previous data. So, now is the time it uses the learning wisely.





For example –

If we take a fruit basket, the machine will first classify the fruit with its shape and color and would confirm the fruit name. If one searches for grapes, then machine learning from its training data (basket containing fruits) will use the prior knowledge. It will then apply the knowledge to test data and will then provide you with the results. In supervised learning, we start with a dataset that has training examples, each example has an associated label which identifies it.

