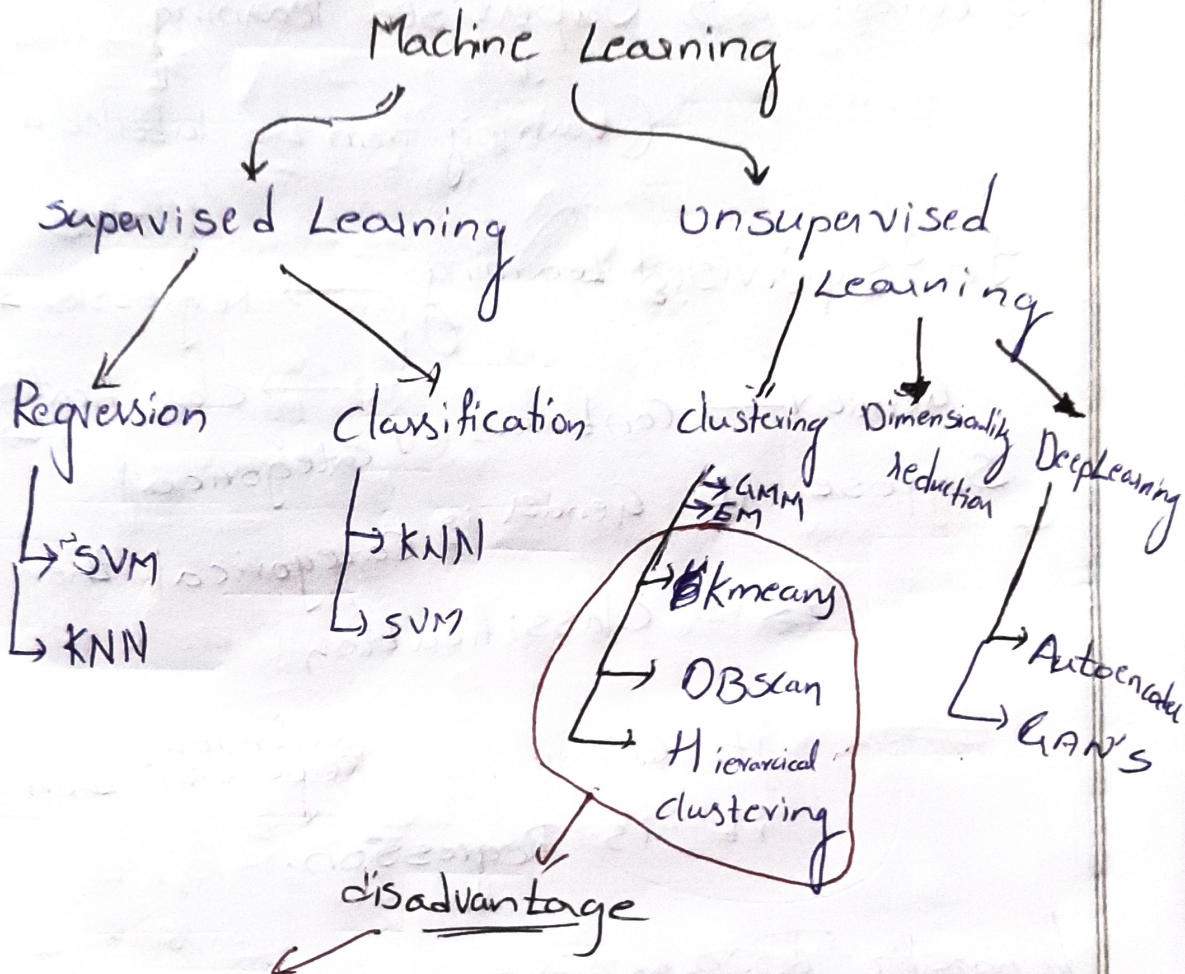
Machine Learning :→

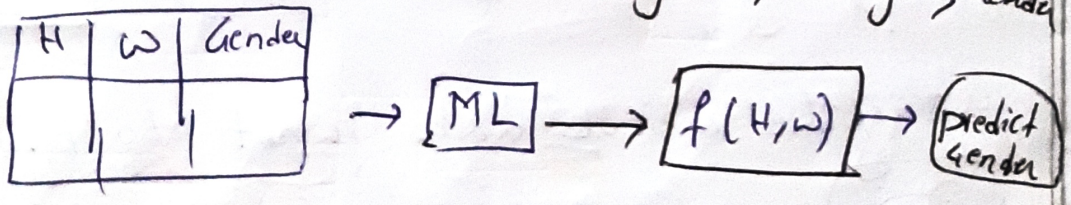
Without explicit programming of machines learn from the data then it is known as Machine learning.



disadvantage

we can't use this algorithms everywhere.

Ex:- a data contains height, weight, Gender



train the model, then predict Gender using height and weight.

↳ we want to predict Gender and it was available in the data (i.e Gender is there when we are training the model). So it is called as Supervised learning

(learning from the labelled data)

In Supervised Learning → Regression → Linear

→ classification → Logistic

Gender → Continuous (or) categorical

Suppose, if Gender is Categorical then it is Classification

if Gender is ~~Regression~~ Continuous then it is Regression.

~~Logistic Regression~~

using the above data i want to predict

this It is a supervised learning because, It learns from the labelled data.