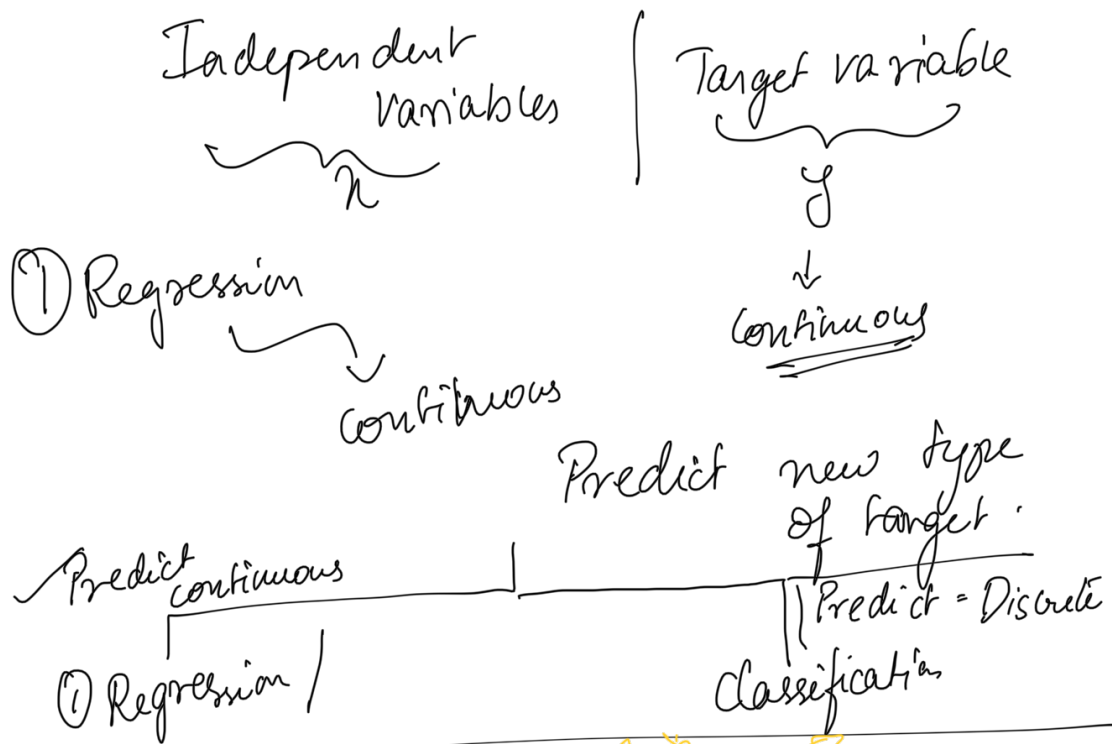


# Classification - Logistic Regression



Eg) Classification

- Real life H.L. applic.:
- ① Threat / Not a threat.
  - ① Spam / ham.  $\rightarrow$  Gmail App.
  - ② loan approval  $\rightarrow$  loan / Not approved
  - ③ Take up the sentiment analysis
  - ④ T.B analysis - X-Ray
- ML/DL
- C.V/DL

Classification  $\rightarrow$  Classifying the data set

$\downarrow$  discrete target.

$\{0, 1, 2\}$   
 $0.58$   
 (Spam, ham)  $\rightarrow$  category.

Come up with words or questions that  
 Can ask what are the chances of being  
chance

