```
Madin Learning
anau x Hadle: Hlearn 23
Disponibili moterial degli anni pornati
  n 6 comi in Lobonotorio
  more 3 homeworks 0/3 pts (not mondatory)

Lip 2 weeks in tribo
  Brown 30 mins multiple durice previou (fer (pars)) \frac{1}{2} source day -> no split 1.5/2 has questions and exercises Southle and exour
     Grade: le part grade + Houseworks
    25/01/26
    13/02/24
    02/06/26
    10/09/24
  "Understanding machine learning" -> free to downlead
     python ( salut-learn, mumpy, ...)
     jupiter lab (through Auscouds)
   Hanwork o Pobis wulin @ wipd it
Formal Model
A learner (us/moduine) has occess to:
  . Domain set x & X : set of all possible objects to make predictions obsert
                     J bustave space
        sustance (vector of features)
  · lobel get Y
  • Training date S = \{(x_1, y_1), \dots, (x_n, y_n)\} as the input
                      binite Colled training set
```

la prediction rule / predictor /hypotesis / closifier

· lobeling furction f: X-> Y (not known)

· label 4: for each instance X; · each point in the training wet

Doto generation madel: instances generated and labelled accordingly to a function
 probability distribution that generates the instances (not known)

· Hearure of ruccen: was of a clamifier - probability it doesn't predict well

· Output: h: X → Y