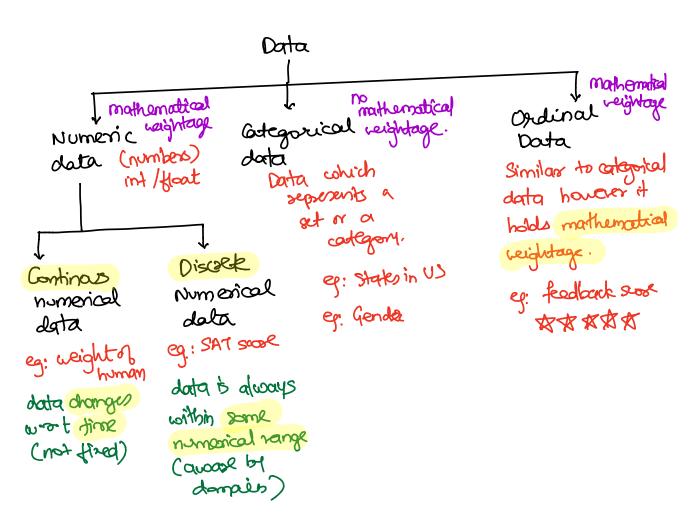
two dimensional array
$$\frac{\text{matrix}}{\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix} * \begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}} = \begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix} = \begin{bmatrix} 7 & 10 \\ 15 & 22 \end{bmatrix} = \begin{bmatrix} 9 & 1 \\ 1 & 3 & 4 \end{bmatrix}$$

machine learning -> Static model.



How to solve a machine problem?

- 1) Data Bepasation (making your data compatible for
 - a Handle inappropriate data.
 - @ Handle missing data.
 - 3 thandle categorical data.
 - (i) Handle ordinal data.
 - 3 Feature Scaling (optional-subject to
- @ Hentify which algorithm will you use to coeste the model.
- 3 Separate your data as features and label.
- @ Geate a model.
- -s Oneok generalization of 5) Test your model to check the quality the model. L, check the accuracy of the model.
- 6) Fine three the model by tweating typeraparameters.
- @ Deploy your model.

Data Beparation

Its all about proporting your data as per the norms of the algorithm.

Every me algorithm expects the following:

- ⇒ @ Your data must be complete.
- > D Your data must be strictly numeric.

Implementing ML algorithm in Rython we ask going to use Iscikit-learned package.

⇒© Your data must be in the form of Numpy array