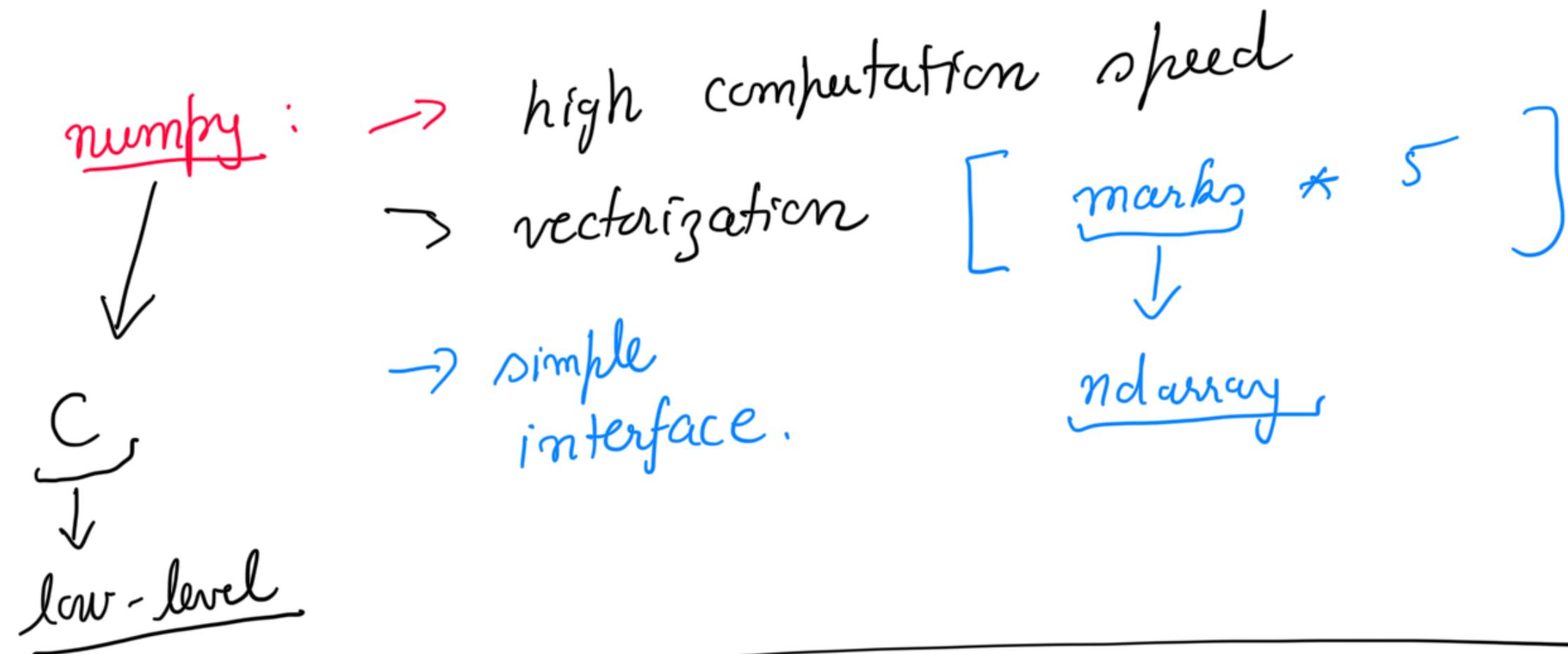


Pandas:



numpy \rightarrow homogeneous \rightarrow
 \downarrow
 $\left[\text{only 1 type of data} \right]$

id	sub	marks	name	pass
1	1	1	1	1

heterogeneous

↓
multiple data
types.

int

string

float

string

ISOL

→ Pandas

↳ inspired by numpy (wrapper)

numpy

↓
nd array

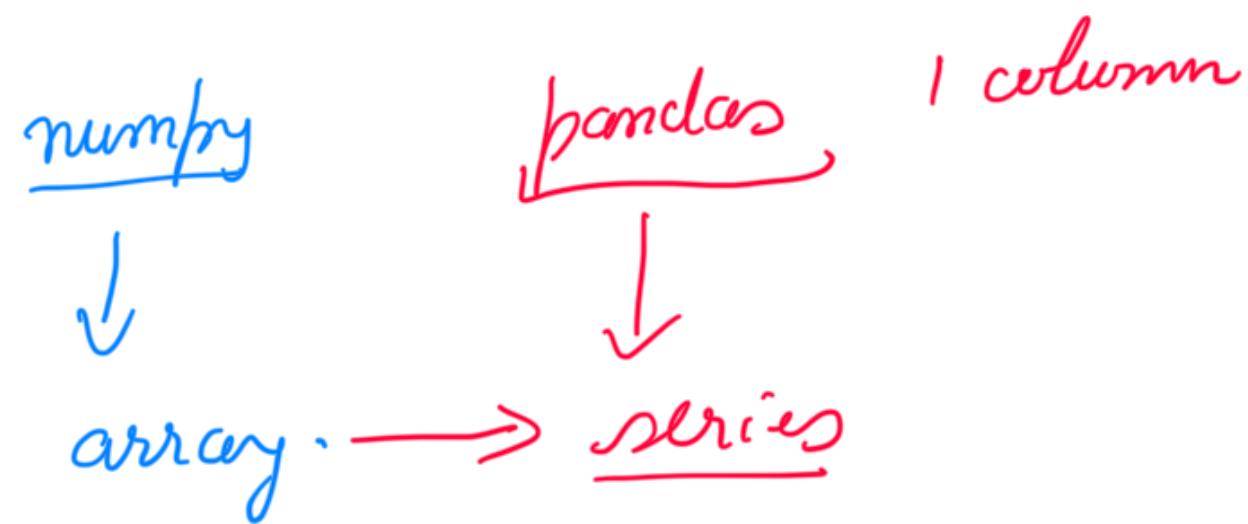
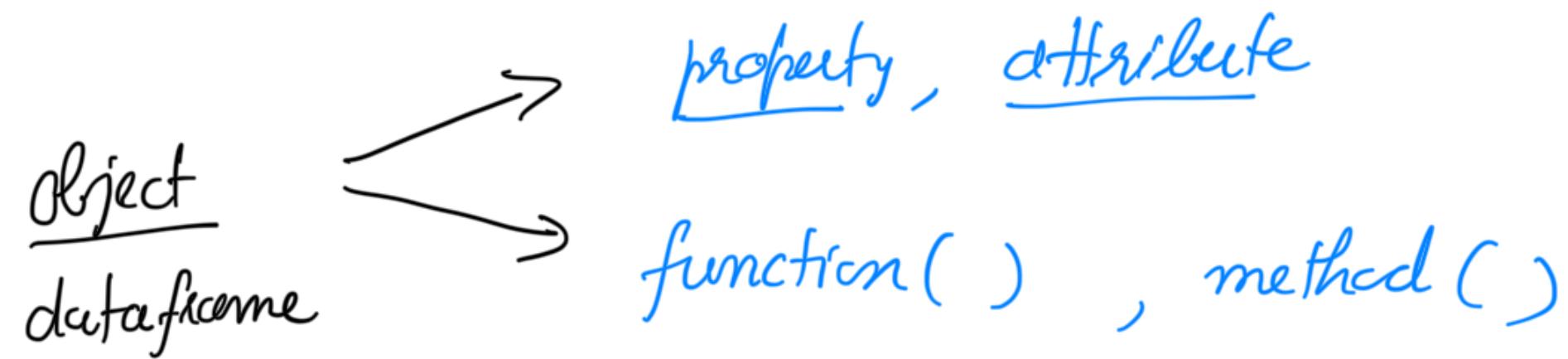
python

↓

dataframe (table : rows and
columns)

rebarated value.

CSV : common IT



pandas
↓

object ← 'str'

