

5/08/24

M T W T F S

Day 2

5/08/24

Functions:-

Gets a piece of reusable code which can solve particular task.

⇒ Max():- Example:-  $a = [1.73, 1.68, 1.71, 1.89]$

max(a) gives [1.89] result

⇒ round():- Here round() is used to round the digit number here is also a option where how we round the ~~na~~ digit number by putting n digit.

e.g round(1.68) gives 2

but if we put ndigit

e.g round(1.68, 1) gives 1.7

Methods:-

⇒ count()

⇒ capitalize()

⇒ replace()

⇒ upper()

### Comparison operators:-

< less than

<= less than or equal

> greater than

>= greater than or equal

== equal

!= Not equal

### Boolean operators:-

and:- If both conditions are true gives true  
otherwise false

OR:- If both conditions are false gives  
false otherwise true

NOT:- If ~~True~~ with True then false and if  
false then true

### Numpy operators:-

⇒ logical\_and:-

⇒ logical\_or:-

⇒ logical\_not:-

### if, elif, else:-

- ⇒ If- It is used as a condition  
If the condition is true it  
will be executed otherwise the next  
condition will be executed.
- ⇒ elif:- It is like if but it comes  
when previous statement is not  
executed
- ⇒ else:- else is last statement if  
all the <sup>previous</sup> ~~stat~~ condition do not work  
and else have no condition

### Filtering Pandas:-

#### • Steps:-

- ⇒ Change Column into Series
- ⇒ And then Subset values