

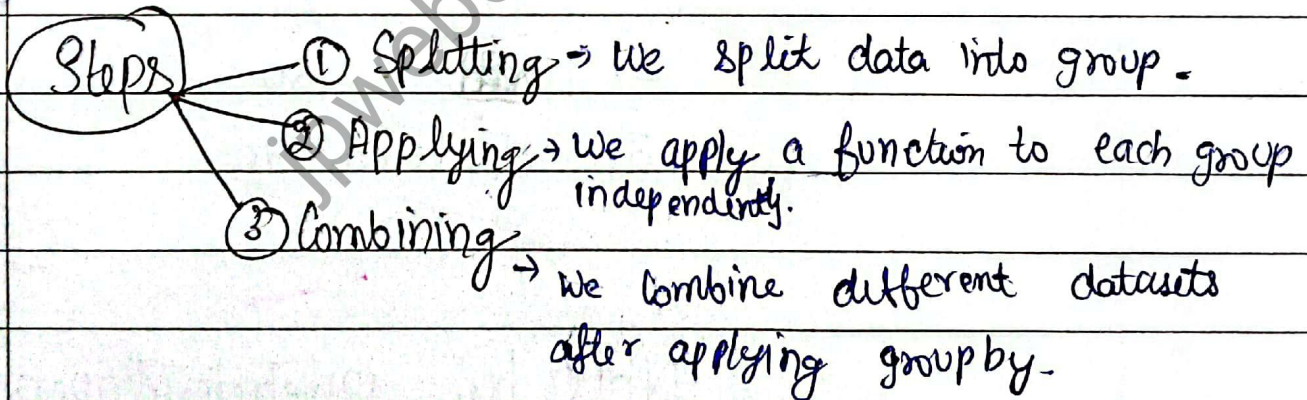
Python Pandas Notes

Group by Method

→ Python Pandas groupby() Method:-

The groupby() function in Pandas is used to split a DataFrame into groups based on some criteria.

→ It allows you to group your data and execute functions on these groups.



① GroupBy Method Example

```
import pandas as pd
df = pd.DataFrame(E
```

'name' : ['A', 'B', 'C', 'D', 'E'],
 'age' : [20, 30, 40, 50, 60],
 'occupation' : ['Salaried', 'Self employed']
 'Gender' : ['M', 'M', 'F', 'M', 'F']})

df.groupby(['Gender'])[['age']].mean()

Gender	age
F	23.0000
M	23.333333

df.groupby(['Gender', 'Occupation'])[['age']].sum()

Gender	Occupation	age
F	Salaried	24
F	Self employed	22
M	Salaried	47
M	Self employed	23

JPNotos

jpwebdevelopers