

Concept of groupby

Input

key	data
A	7
B	10
B	3
A	2
C	1
C	6
A	8
B	9
C	4

Split

key	data
A	7
A	2
A	8

Apply (sum)

key	data
A	17

Combine

key	data
A	17
B	22
C	11

key	data
B	10
B	3
B	9

key	data
B	22

key	data
C	1
C	6
C	4

key	data
C	11

< pandas.core.groupby.DataFrameGroupBy >

Diagram from
Python Data
Science Handbook