

Name	Gender	Fever	Cough	Test-1	Test-2	Test-3	Test-4
Jack	M	Y	N	P	N	N	A
Mary	F	Y	N	P	A	P	N
Jim	M	Y	P	N	N	N	A

Convert to Binary Data

Name	Gender	Fever	Cough	Test-1	Test-2	Test-3	Test-4
Jack	M	1	0	1	0	0	0
Mary	F	1	0	1	0	1	0
Jim	M	1	1	0	0	0	0

$$\text{Jaccard} = f_{01} + f_{10} / f_{01} + f_{10} + f_{11}$$

Jack (101000)

Mary (101010)

Jim (110000)

- (Jack, Mary): $1/3 = 0.33$
- (Jack, Jim): $2/3 = 0.67$
- (Jim, Mary): $3/4 = 0.75$