

## \* Concatenation

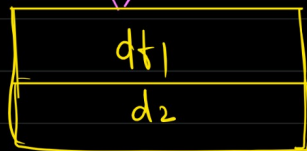
in case of string

"pw" + "skills"

⇒ pwskills

df1

df2



(Vertical Concatenation along rows)

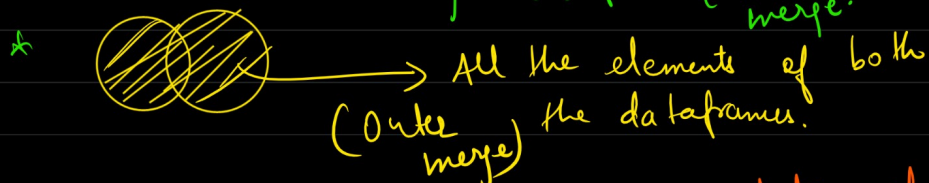
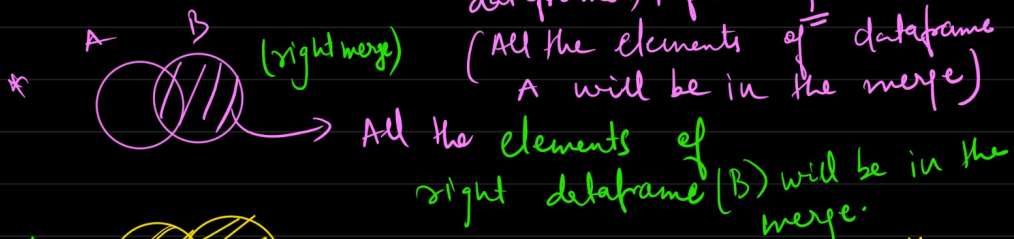
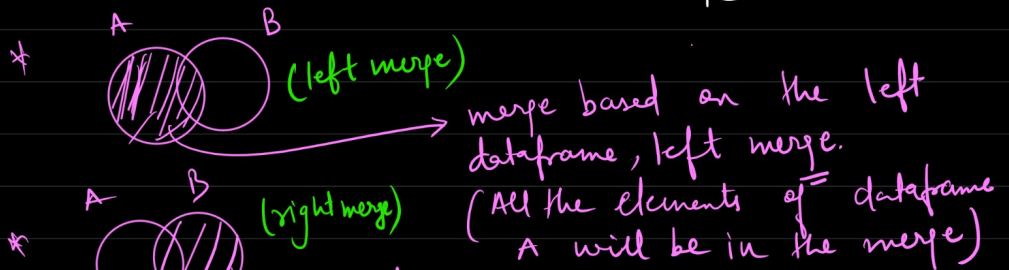
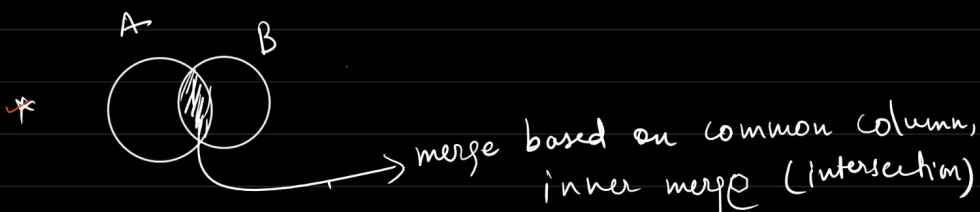
axis = 0



(Horizontal Concatenation along columns)

axis = 1

## \* merge / Join



\* Cross merge → Every permutation of rows are there!

