

Week 10 Lab Instructions (3%)

Data wrangling: Join, combine, and reshape

Get the lab supervisor check progress in the lab to get marks! Before approaching the lab supervisor for marking, **make sure you run all cells!**

Task.1. create two different data frames as follows and concatenate them.

rank	team	rating	rank	team	rating
1	England	126	1	Australia	102
2	India	121	2	SriLanka	100
3	NewZealand	112	3	Pakistan	93
4	SouthAfrica	111	4	WestIndies	79

Task 2 create two different data frames as follows and perform outer, right, left and inner joins between them. Clearly explain the reasons of the results in the markdown texts.

rank	team	rating	rank	team	rating
1	England	126	1	India	126
2	India	121	2	England	121
3	NewZealand	112	3	SouthAfrica	112
4	SouthAfrica	111	4	NewZealand	111
5	Pakistan	102	5	Australia	102
6	Australia	100	6	SriLanka	100
7	Bangladesh	93	7	Pakistan	93
8	SriLanka	79	8	WestIndies	79