

Applied Statistics for Data Scientists with R

Class 06: Data Wrangling with Base R and dplyr

Learning Objective

1. Base R data manipulation vs dplyr
2. dplyr: select, filter, arrange, mutate, group by, summarize

Data wrangling means transforming raw data into a structured and usable format for analysis.

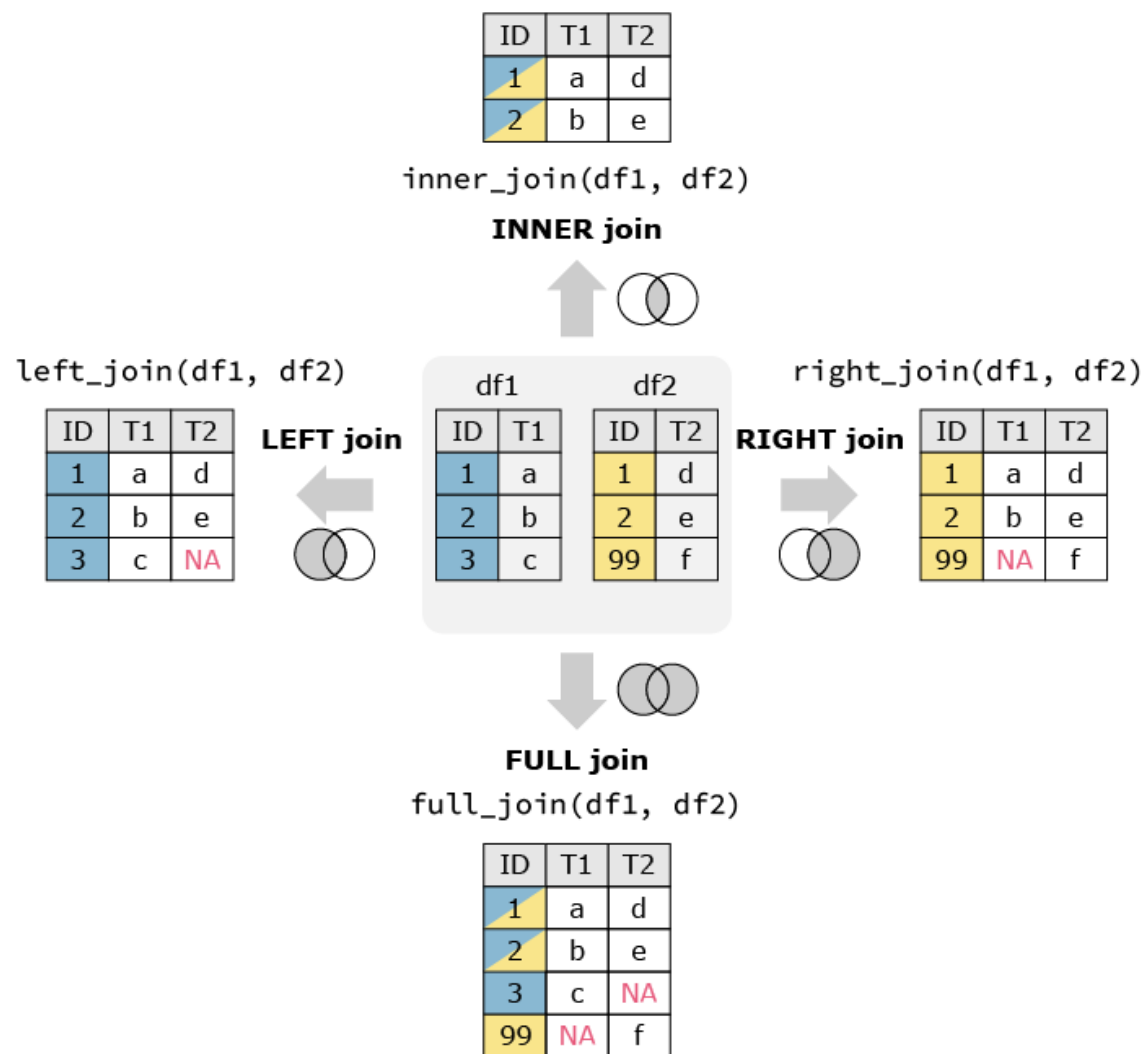
- Filter rows
- Select columns
- Create / remove columns
- Edit columns / rows
- Arranging
- Data reshaping
- Join data frames

“Long” format

country	year	metric
x	1960	10
x	1970	13
x	2010	15
y	1960	20
y	1970	23
y	2010	25
z	1960	30
z	1970	33
z	2010	35

“Wide” format

country	yr1960	yr1970	yr2010
x	10	13	15
y	20	23	25
z	30	33	35



- questionr
- Styler
- replex