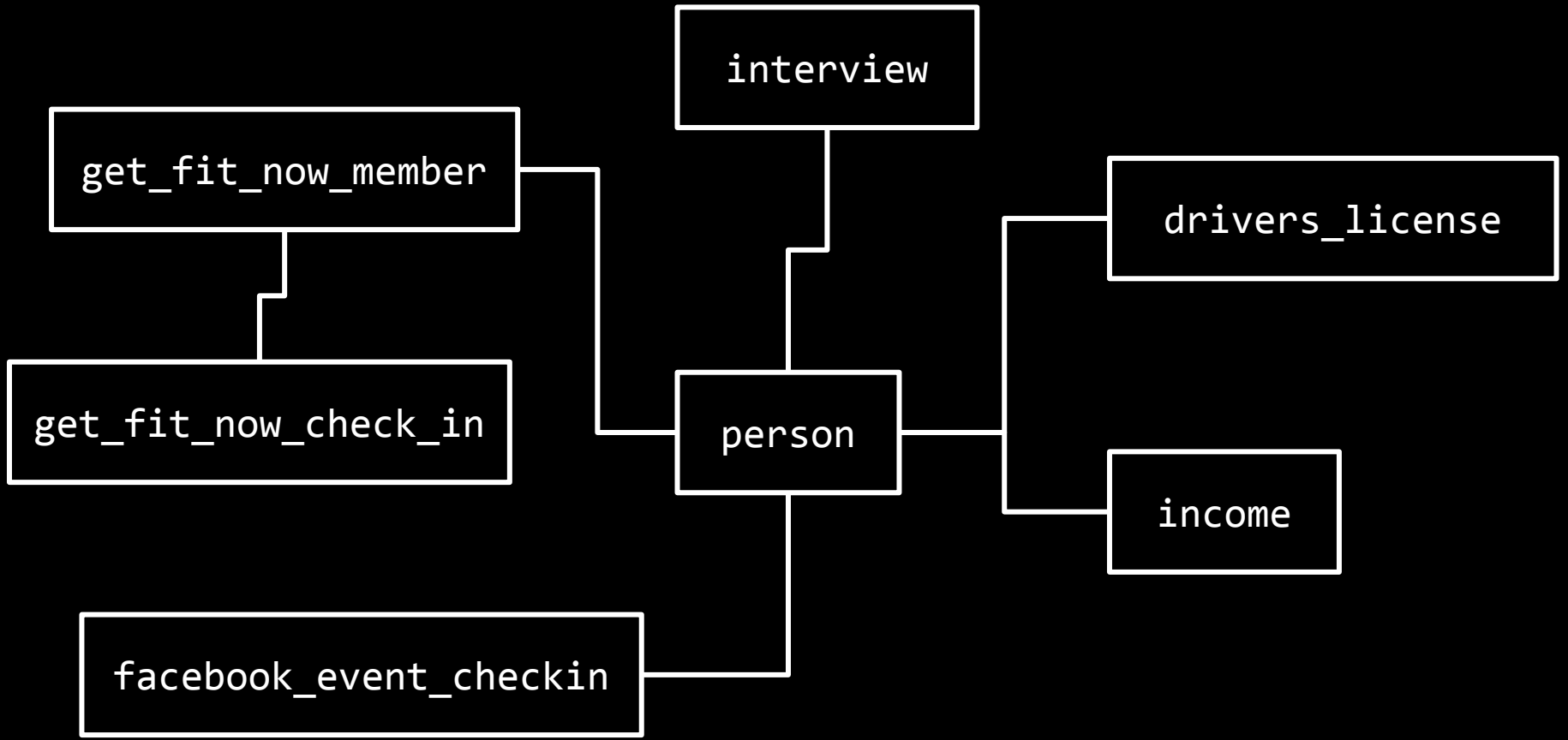
THE ‘R’
MURDER MYSTERY

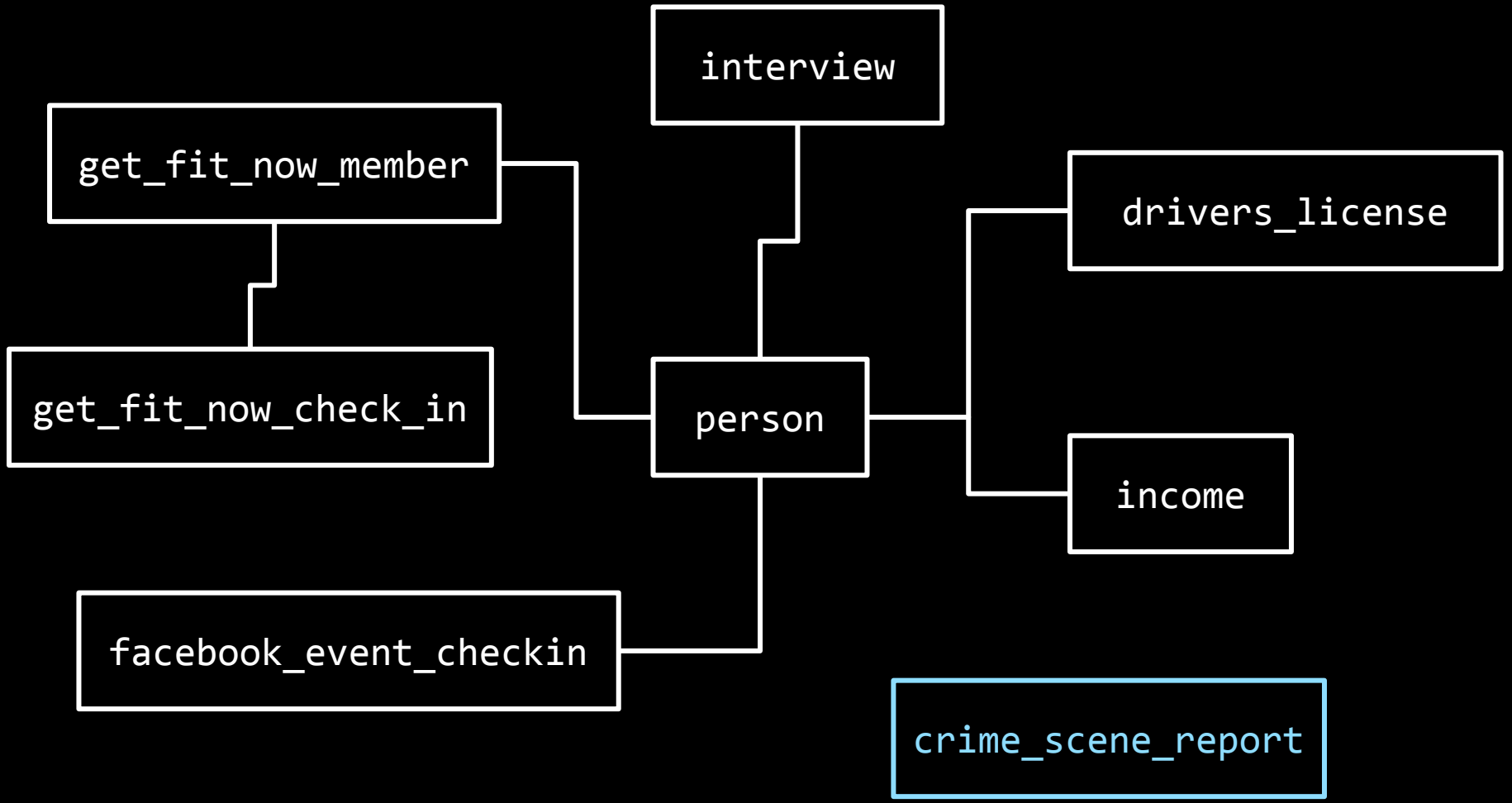
intro/murder_mystery.R

A crime has taken place and the detective needs your help. The detective gave you the crime scene report, but you somehow lost it. You vaguely remember that the crime was a murder that occurred sometime on **January 15, 2018** and that it took place in **SQL City**.

All the clues to this mystery are buried in a huge database, and you need to use your **R skills** to navigate through this vast network of information. Your first step to solving the mystery is to retrieve the corresponding **crime scene report** from the police department's database.

data model


interview
get_fit_now_member
drivers_license
get_fit_now_check_in
person
income
facebook_event_checkin


interview
get_fit_now_member
drivers_license
get_fit_now_check_in
person
income
facebook_event_checkin
crime_scene_report

submit the name of the murderer
and attach your .R-script:

n.meseth@hs-osnabrueck.de

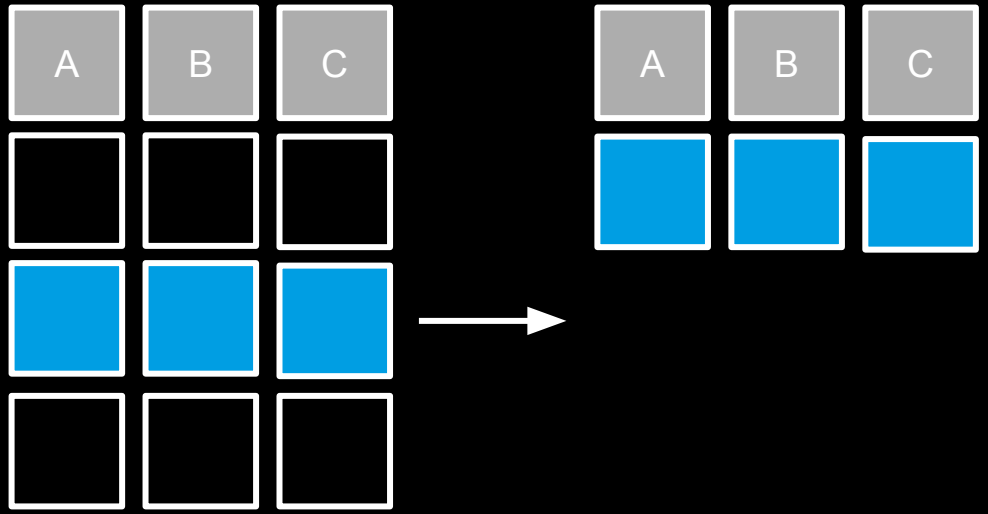
debriefing

colnames()

the pipe operator |>

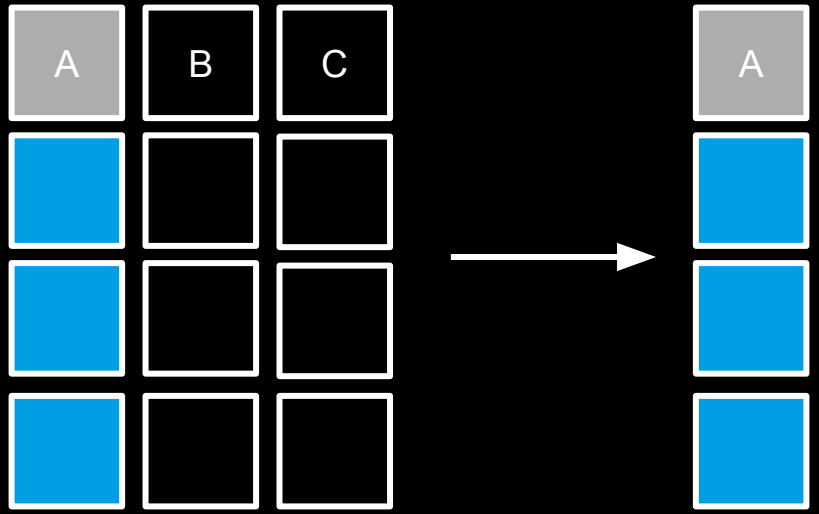
filter()

filter()



select()

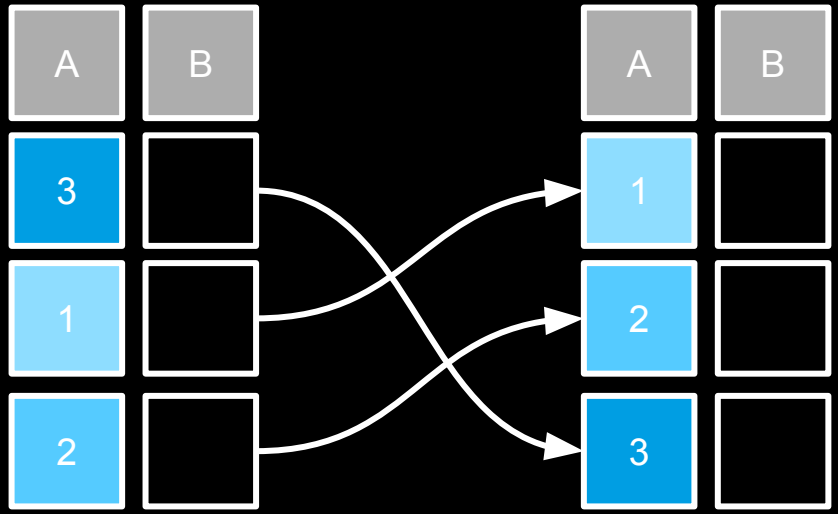
`select()`



pull()

arrange()

arrange()



```
str_starts()
str_ends()
str_detect()
```

“Annabel Miller”

“Annabel Miller”

```
str_starts(txt, "Anna")
```

“Annabel Miller”

```
str_ends(txt, "Miller")
```

“Annabel Miller”

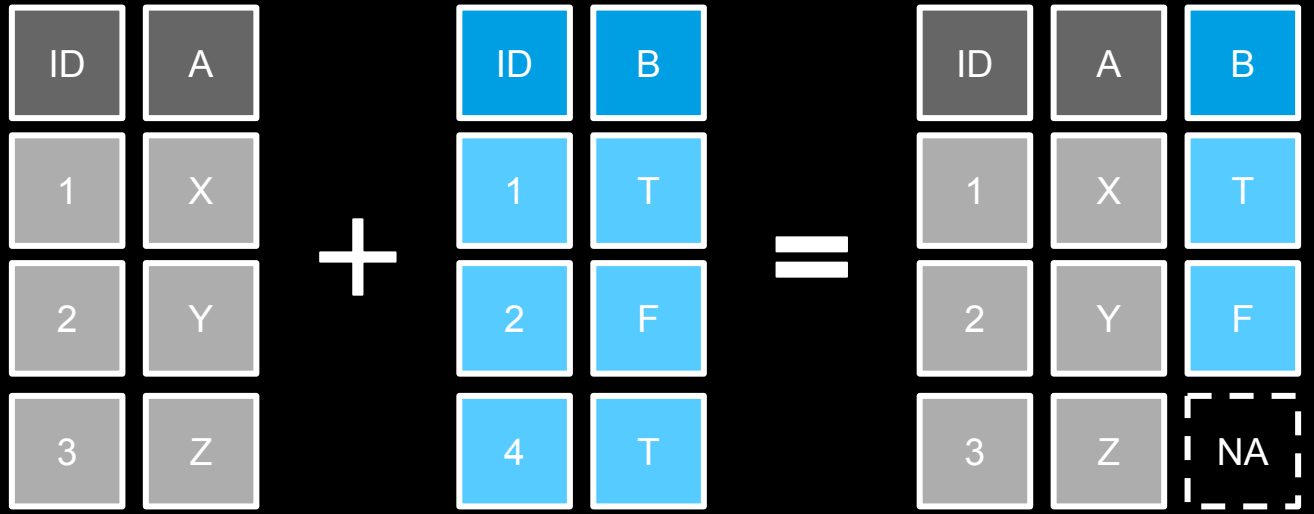
```
str_detect(txt, "Mill")
```

`%in%` with `c()`

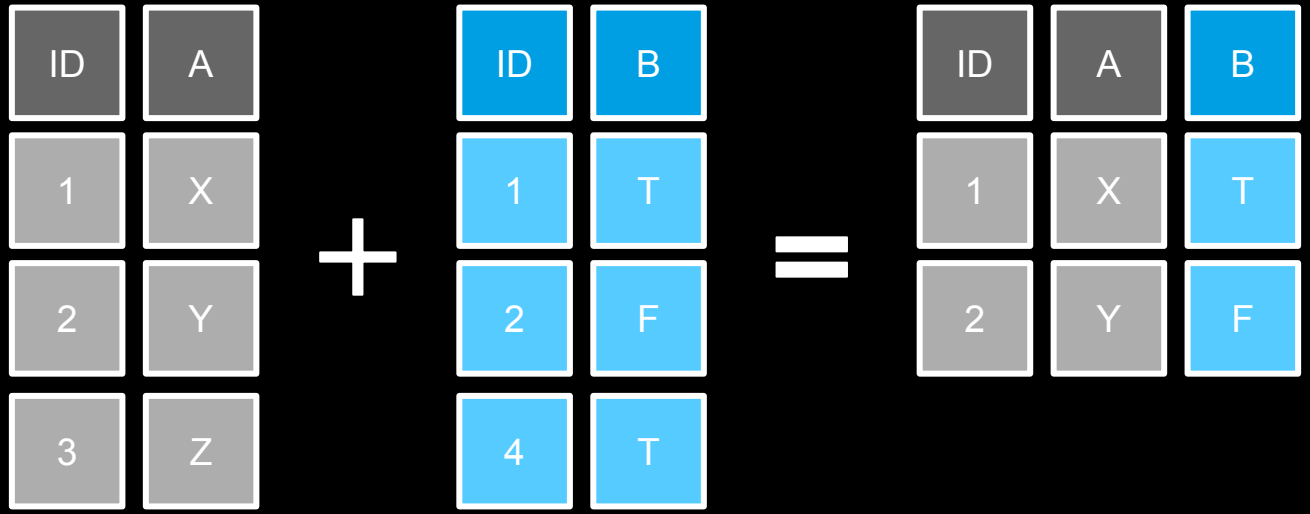
distinct()

between()

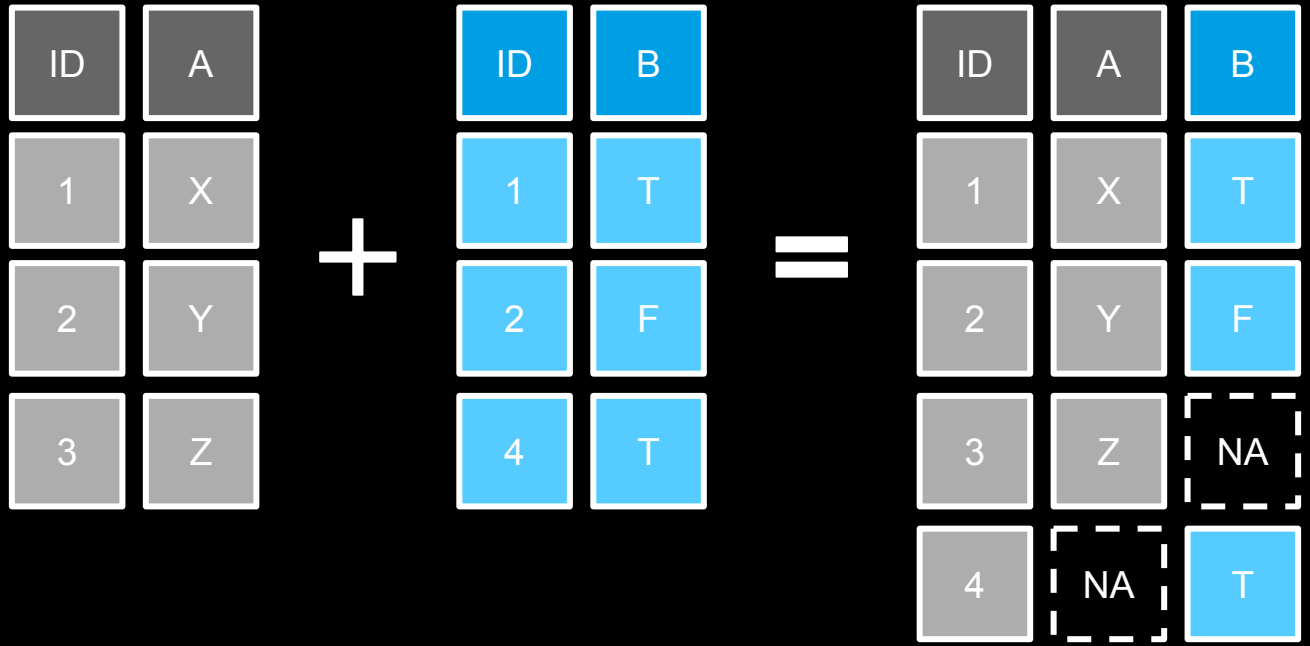
left_join()


ID
A
1
X
2
Y
3
Z
+
ID
B
1
T
2
F
4
T
=
ID
A
B
1
X
T
2
Y
F
3
Z
NA

inner_join()


ID
A
1
X
2
Y
3
Z
+
ID
B
1
T
2
F
4
T
=
ID
A
B
1
X
T
2
Y
F

full_join()


ID
A
1
X
2
Y
3
Z
+
ID
B
1
T
2
F
4
T
=
ID
A
B
1
X
T
2
Y
F
3
Z
NA
4
NA
T