

SQL JOINS QUERIES

library(mysql)
Warning: le package 'RMySQL' a été compilé avec la version R 4.1.3
Le chargement a nécessité le package : DBI
Warning: le package 'DBI' a été compilé avec la version R 4.1.1
library(bslib)
Warning: le package 'bslib' a été compilé avec la version R 4.1.3
##
Attachement du package : 'bslib'
L'objet suivant est masqué depuis 'package:utils':
##
page

From the following tables, write a SQL query to find the venue where EURO cup 2016 final match held. Return venue name, city.

dbGetQuery (bd, "select s.venue_name, v.city from stade s join match_mast m using (venue_id) join ville v on v.city_id = s.city_id where play_stage = 'F'")	
venue_name	city
<chr>	<chr>
Stade de France	Saint-Denis
1 row	

From the following tables, write a SQL query to find the number of goal scored by each team in every match within normal play schedule. Return match number, country name and goal score.

15	Albania	0
2	Albania	0
33	Austria	1
24	Austria	0
11	Austria	0
46	Belgium	1
42	Belgium	4
36	Belgium	1
22	Belgium	3
1-10 of 96 rows		
Previous		1 2 3 4 5 6 10 Next

From the following tables, write a SQL query to count the number of goals scored by each player within normal play schedule. Group the result set on player name and country name and sorts the result-set according to the highest to the lowest score. Return player name, number of goals and country name

```
dbGetQuery(bd, "Select
                pn.player_name,
                count(*) as 'number of goals',
                p.country_name
                from player_mast pn
                join goal_details gd
                  using (player_id)
                join pays p
                  on p.country_id = pn.team_id
                where goal_schedule = 'NT'
                group by player_name
                order by count(*) desc;")
```

player_name	number of goals	country_name
<chr>	<dbl>	<chr>
Antoine Griezmann	5	France
Oliver Giroud	3	France
Cristiano Ronaldo	3	Portugal
Nani	3	Portugal

From the following tables, write a SQL query to count the number of goals scored by each player within normal play schedule. Group the result set on player name and country name and sorts the result-set according to the highest to the lowest scorer. Return player name, number of goals and country name

From the following tables, write a SQL query to find the scorer in the final of EURO cup 2016. Return player name, jersey number and country name.

```
dbGetQuery(bd, "select
    pm.player_name,
    pm.jersey_no,
    p.country_name
  from player_mast pm
  join goal_details gd
    using (player_id)
  join pays p
    on p.country_id = pm.team_id
  where play_stage = 'F';")
```

player_name	jersey_no	country_name
<chr>	<int>	<chr>
Eden	9	Portugal
1 row		

From the following tables, write a SQL query to find the country where Football EURO cup 2016 held. Return country name.

```
dbGetQuery(bd, "select
    city,
    country_name
  from host_0
  where year = 2016;")
```

From the following tables, write a SQL query to find the scorer in the final of EURO cup 2016. Return player name, jersey number and country name.

city	country_name
Toulouse	France
Saint-Etienne	France
Saint-Denis	France
Paris	France
Nice	France
Marseille	France
Lyon	France
Lille	France
Lens	France
Bordeaux	France

From the following tables, write a SQL query to find the country where Football EURO cup 2016 held. Return country name.

```
dbGetQuery(bd, "select
    player_name,
    jersey_no,
    country_name,
    goal_time,
    play_stage,
    goal_schedule,
    goal_half
from goal_details
join player_mast pm
    using (player_id)
join pays p
    on p.country_id = pm.tean_id
where match_no = '1'
order by goal_time
limit 1;")
```

player_name	jersey_no	country_name	goal_time	play_stage	goal_schedule	goal_half
<chr>	<chr>	<chr>	<chr>	<chr>	<chr>	<chr>
Oliver Giroud	9	France	57	G	NT	2

1 row

From the following tables, write a SQL query to find the referee who managed the opening match. Return referee name, country name.

```
dbGetQuery(bd, "select
```

From the following tables, write a SQL query to find the player who scored first goal of EURO cup 2016. Return player_name, jersey_no, country_name, goal_time, play_stage, goal_schedule, goal_half.

using (referee_id) join pays p using (country_id) where match_no = '1';")	
referee_name	country_name
<chr>	<chr>
Viktor Kassai	Hungary
1 row	

From the following tables, write a SQL query to find the referee who managed the final match. Return referee name, country name.

```
dbGetQuery(bd, "select  
    referee_name,  
    country_name  
from match_mast mm  
join referee_mast rm  
using (referee_id)  
join pays p  
using (country_id)  
where match_no = '51'")
```

referee_name	country_name
<chr>	<chr>
Mark Clattenburg	England
1 row	

From the following tables, write a SQL query to find the referee who assisted the referee in the opening match. Return associated referee name, country name.

```
dbGetQuery(bd, "select  
    ass_ref_name,  
    country_name
```

From the following tables, write a SQL query to find the referee who managed the opening match. Return referee name, country name.

dbGetQuery (bd, "select referee_name, country_name from match_mast mm join referee_mast rm using (referee_id) join pays p using (country_id) where match_no = '1';")	
referee_name	country_name
<chr>	<chr>
Viktor Kassai	Hungary
1 row	

From the following tables, write a SQL query to find the referee who managed the final match. Return referee name, country name.

dbGetQuery (bd, "select referee_name, country_name from match_mast mm join referee_mast rm using (referee_id) join pays p using (country_id) where match_no = '51'")	
referee_name	country_name
<chr>	<chr>
Mark Clattenburg	England
1 row	

From the following tables, write a SQL query to find the referee who assisted the referee in the opening match. Return associated referee name, country name.

dbGetQuery (bd, "select ass_ref_name, country_name from match_details md join asst_referee ar on md.ass_ref = ar.ass_ref_id join pays p using (country_id) where match_no = '1'")	
ass_ref_name	country_name
<chr>	<chr>
Vencel Toth	Hungary
Gyorgy Ring	Hungary
2 rows	

From the following tables, write a SQL query to find the referee who assisted the referee in the final match. Return associated referee name, country name.

dbGetQuery (bd, "select ass_ref_name, country_name from match_details md join asst_referee ar on md.ass_ref = ar.ass_ref_id join pays p using (country_id) where match_no = '51'")	
ass_ref_name	country_name
<chr>	<chr>
Jake Collin	England
Simon Beck	England
2 rows	

From the following tables, write a SQL query to find the city where the opening match of EURO cup 2016 played. Return venue name, city.

dbGetQuery (bd, "select venue_name, city from match_mast join stade using (venue_id) join ville using (city_id) where match_no = '1'")	
venue_name	city
<chr>	<chr>
Stade de France	Saint-Denis
1 row	

From the following tables, write a SQL query to find the stadium hosted the final match of EURO cup 2016. Return venue_name, city, aud_capacity, audience.

Portugal	13
Hungary	12
Iceland	12
Wales	11
Germany	11
Romania	10
Albania	10
Poland	10

1-10 of 24 rows

Previous123Next

From the following tables, write a SQL query to count number of goals that has seen. Return venue name and number of goals.

```
dbGetQuery(bd, "select
                venue_name,
                count(venue_name)
            from goal_details gd
            join match_mast mm
            using (match_no)
            join stade s
            using (venue_id)
            group by venue_name
            order by count(*) desc")
```

venue_name	count(venue_name)
<chr>	<int>

From the following tables, write a SQL query to count the number of matches played in each venue.Sort the result-set on venue name. Return Venue name, city, and number of matches

Stade Vélodrome	9
Stadium de Toulouse	9
Stade de Nice	8
Stade Geoffroy Guichard	8
Stade Bollaert-Delès	7
Parc des Princes	5
1-10 of 10 rows	

From the following tables, write a SQL query to find the match where no stoppage time added in first half of play. Return match number, country name.

```
dbGetQuery(bd, "select
    match_no,
    country_name
    from match_mast mm
    join match_details md
    using (match_no)
    join pays p
    on p.country_id = md.team_id
    where stop1_sec = '0'")
```

match_no	country_name
<int>	<chr>
4	England
4	Russia
2 rows	

From the following tables : team & pays, write a SQL query to find the team(s) who conceded the most goals in EURO cup 2016. Return country name, team group and match played.

```
dbGetQuery(bd, "SELECT country_name,
    team_group,
    match_played,
    goal_agnst
```

From the following tables, write a SQL query to find the player who was the first player to be sent off at the tournament EURO cup 2016. Return match number, country name and player name.

country_name	team_group	match_played	goal_agst
<chr>	<chr>	<int>	<int>
Russia	B	3	6
Czech Republic	D	3	5
Ukraine	C	3	5

3 rows

From the following tables : match_details, match_mast & pays, write a SQL query to find those matches where the highest stoppage time is added in 2nd half of play. Return match number, country name, stoppage time(sec.). Go to the editor

```
dbGetQuery(bd, "SELECT md.match_no,
                  sc.country_name,
                  stop2_sec as 'stoppage_time_sec'
FROM match_mast mm
JOIN match_details md
ON mm.match_no=md.match_no
ORDER BY stop2_sec
LIMIT 10")
```

From the following tables, write a SQL query to find those teams that scored only one goal to the tournament. Return country_name as "Team", team in the group, goal_for.

match_no country_name		stoppage_time_sec
<int>	<chr>	<int>
17	Ukraine	411
17	Northern Ireland	411

2 rows

From the following tables : match_details & pays, write a SQL query to find the matches that ended in a goalless draw at the group stage. Return match number, country name.

```
dbGetQuery(bd, "SELECT match_no,
                    country_name
FROM match_details md
JOIN pays p
    ON p.country_id=md.team_id
WHERE win_lose='D'
    AND goal_score=0
    AND play_stage='G'
ORDER BY match_no;")
```

From the following tables, write a SQL query to shout the yellow cards received by each country. Return country name and number of yellow cards.

	24 Austria
	24 Portugal
	26 France
	26 Switzerland
	26 England
	28 Slovakia

8 rows

From the following tables : player_mast, match_details & pays. write a SQL query to find the number of matches played by a player as a goalkeeper for his team. Return country name, player name, number of matches played as a goalkeeper.

```
dbGetQuery(bd, "SELECT country_name,
                  player_name,
                  count(player_gk)
FROM match_details md
JOIN pays p
  ON md.team_id=p.team_id
JOIN player_mast pm
  ON md.player_gk=pm.player_id
GROUP BY p.country_name, pm.player_name
ORDER BY count(player_gk) DESC")
```

country_name	player_name	count(player_gk)
<chr>	<chr>	<dbl>
France	Hugo Lloris	7

From the following tables, write a SQL query to count number of goals that has seen. Return venue name and number of goals.

Croatia	Danijel Subašić	4
England	Wayne Rooney	4
Hungary	Joe Hart	4
Hungary	Gabor Kiraly	4
Italy	Gianluigi Buffon	4

1-10 of 27 rows

Previous123Next

From the following tables : player_mast & pays, write a SQL query to find the oldest player to have appeared in a EURO 2016 match. Return country name, player name, jersey number and age.

```
dbGetQuery(bd, "SELECT country_name,
                  player_name,
                  jersey_no,
                  age
FROM pays p
JOIN player_mast pm
ON p.country_id=pm.team_id
ORDER BY age DESC
LIMIT 2")
```

country_name	player_name	jersey_no	age
Republic of Ireland	Shay Given	16	40
Hungary	Gabor Kiraly	1	40

2 rows

From the following tables : match_details & pays write a SQL query to find the teams in this tournament that

From the following tables, write a SQL query to find the match where no stoppage time added in first half of play. Return match number, country name.

dbGetQuery (bd, "select match_no, country_name from match_mast mm join match_details md using (match_no) join pays p on p.country_id = md.team_id where stop1_sec = '0'")	
match_no	country_name
<int>	<chr>
4	England
4	Russia
2 rows	

From the following tables : team & pays, write a SQL query to find the team(s) who conceded the most goals in EURO cup 2016. Return country name, team group and match played.

<pre>JOIN team t ON p.country_id=t.team_id WHERE goal_agnst=4 AND group_position=4")</pre>			
country_name	team_group	match_played	
<chr>	<chr>	<int>	
Austria	F	3	
Romania	A	3	
2 rows			

From the following tables : pays & match_details, write a SQL query to find the final four teams in the tournament. Return country name.

```
dbGetQuery(bd, "SELECT country_name,
                    win_lose
                FROM match_details md
                JOIN pays p
                ON md.team_id=p.country_id
                WHERE play_stage='S';")
```

country_name	win_lose
<chr>	<chr>
France	W
Germany	W

From the following tables : match_details, match mast & pays. write a SQL query to find those matches where the highest stoppage time was added in 2nd half of play. Return match number, country name, stoppage time(sec.). Go to the editor

dbGetQuery (bd, "SELECT md.match_no, sc.country_name, stop2_sec as 'stoppage_time_sec' FROM match_mast mm JOIN match_details md ON mm.match_no=md.match_no JOIN pays sc ON md.team_id=sc.country_id ORDER BY stop2_sec desc LIMIT 2;")		
match_no	country_name	stoppage_time_sec
<int>	<chr>	<int>
17	Ukraine	411
17	Northern Ireland	411
2 rows		

From the following tables : match_details & pays, write a SQL query to find the matches that ended in a goalless draw at the group stage. Return match number, country name.

dbGetQuery (bd, "SELECT match_no, country_name FROM match_details md JOIN pays p ON p.country_id=md.team_id WHERE win_lose='0' AND goal_score=0 AND play_stage='G' ORDER BY match_no;")	
match_no	country_name
<int>	<chr>
18	Germany
18	Poland
24	Austria
24	Portugal
26	France
26	Switzerland
28	England
28	Slovakia
8 rows	

From the following tables : player_mast, match_details & pays. write a SQL query to find the number of matches played by a player as a goalkeeper for his team. Return country name, player name, number of matches played as a goalkeeper.

dbGetQuery (bd, "SELECT country_name, player_name, count(player_gk) FROM match_details md JOIN pays p ON md.team_id=p.country_id JOIN player_mast pm ON md.player_gk=pm.player_id GROUP BY p.country_name, pm.player_name ORDER BY count(player_gk) DESC")		
country_name	player_name	count(player_gk)
<chr>	<chr>	<int>
France	Hugo Lloris	7
Portugal	Rui Patrício	7
Germany	Manuel Neuer	6
Belgium	Thibaut Courtois	5
Iceland	Hannes Halldorsson	5
Wales	Wayne Hennessey	5
Croatia	Daniel Subašić	4
England	Joe Hart	4
Hungary	Gábor Király	4
Italy	Gianluigi Buffon	4
1-10 of 27 rows	Previous	1 2 3 Next

From the following tables : player_mast & pays, write a SQL query to find the oldest player to have appeared in a EURO 2016 match. Return country name, player name, jersey number and age.

dbGetQuery (bd, "SELECT country_name, player_name, jersey_no, age FROM pays p JOIN player_mast pm ON p.country_id=pm.team_id ORDER BY age DESC LIMIT 2;")			
country_name	player_name	jersey_no	age
<chr>	<chr>	<int>	<int>
Republic of Ireland	Shay Given	16	40
Hungary	Gábor Király	1	40
2 rows			

From the following tables : match_details & pays, write a SQL query to find the teams in this tournament that have scored three goals in a single game. Return match number and country name.

dbGetQuery (bd, "SELECT country_name, match_no FROM match_details md JOIN pays p ON p.country_id=md.team_id WHERE goal_score=3")	
country_name	match_no
<chr>	<int>
Belgium	22
Germany	41
Hungary	24
Portugal	34
Spain	31
Wales	46
Wales	27
7 rows	

From the following tables : team & pays, write a SQL query to find which teams finished at the bottom of their respective groups after conceding four goals in three games. Return country name, team group and match played.

dbGetQuery (bd, "SELECT country_name, team_group, match_played FROM pays p JOIN team t ON p.country_id=t.team_id WHERE goal_agnst=4 AND group_position=4")		
country_name	team_group	match_played
<chr>	<chr>	<int>
Austria	F	3
Romania	A	3
2 rows		

From the following tables : pays & match_details, write a SQL query to find the final four teams in the tournament. Return country name.

dbGetQuery (bd, "SELECT country_name, win_lose FROM match_details md JOIN pays p ON p.country_id=p.country_id ON md.team_id=p.country_id WHERE play_stage='S';")	
country_name	win_lose
<chr>	<chr>
France	W
Germany	L
Portugal	W
Wales	L
4 rows	