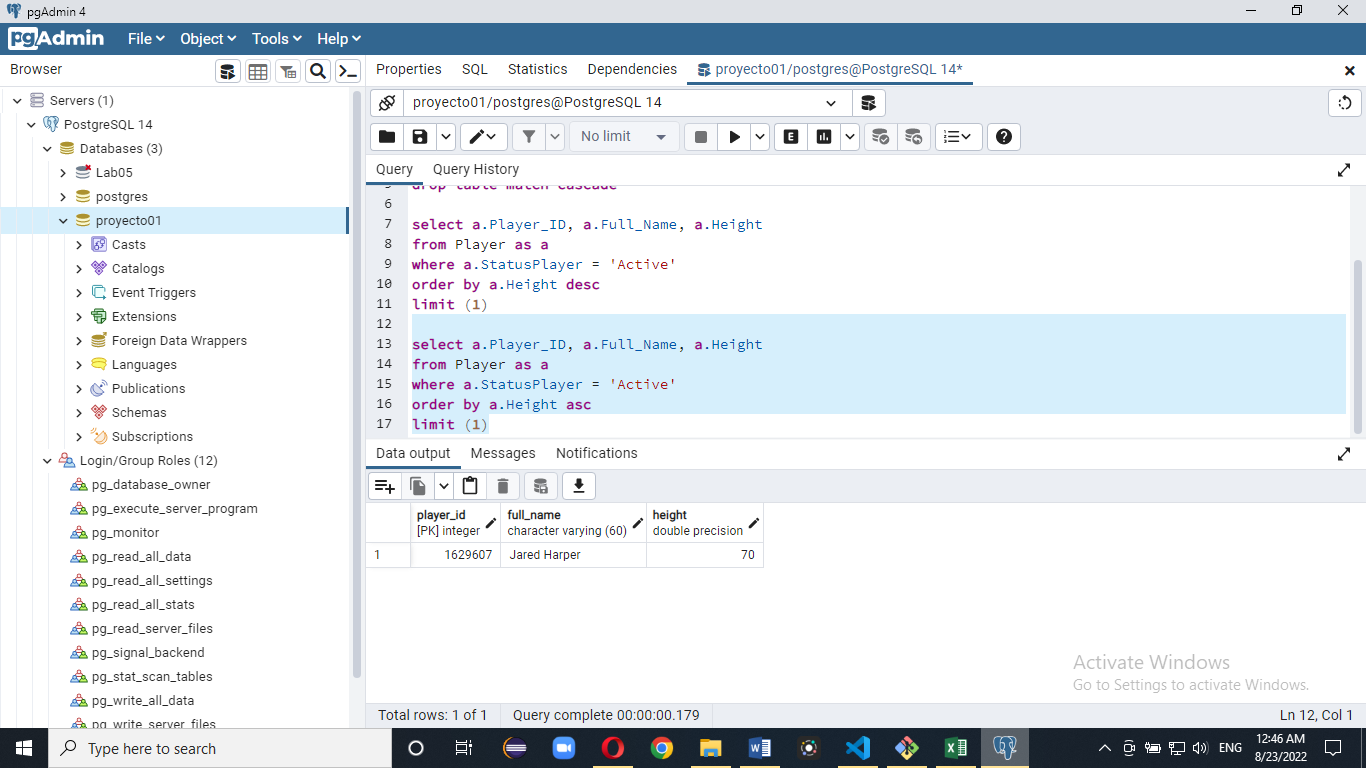
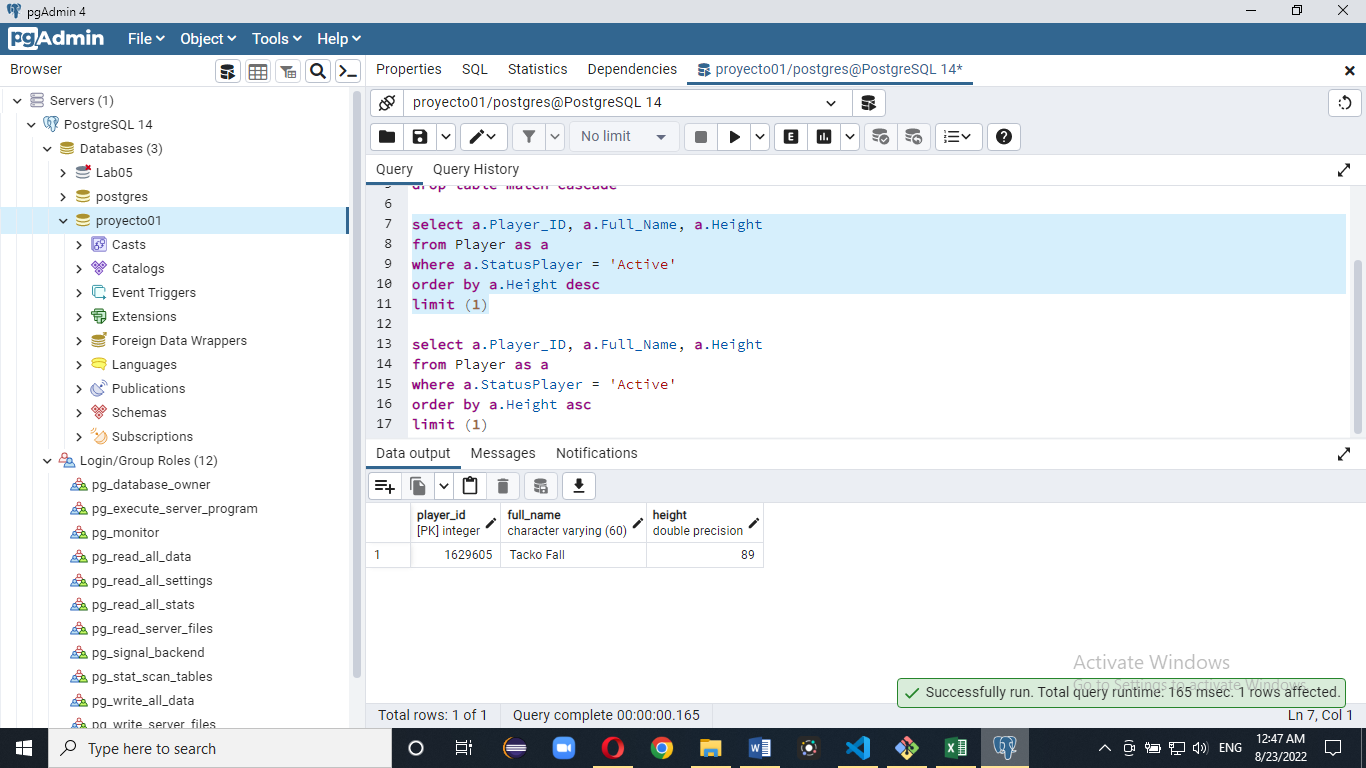
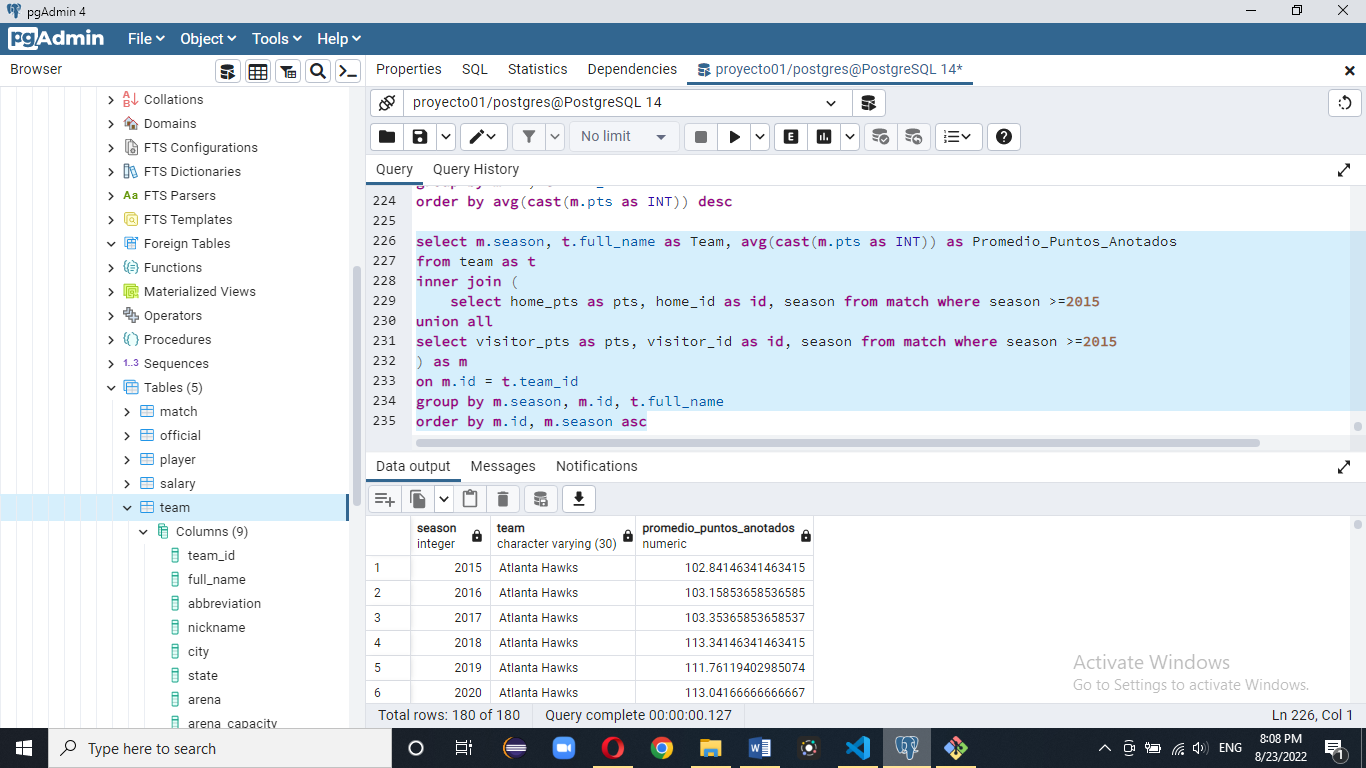
Entrega 02

1. ¿Quién es el jugador más alto?  
     
   1629605 "Tacko Fall" 89
2. ¿Quién es el jugador más bajo?  
     
   1629607 "Jared Harper" 70
3. ¿Cuál fue el promedio de puntos anotados y recibidos en cada una de las temporadas relevantes? El promedio de puntos anotados en cada temporada relevante [2015-2020] para cada equipo es:



2015 "Atlanta Hawks" 102.84146341463415

2016 "Atlanta Hawks" 103.15853658536585

2017 "Atlanta Hawks" 103.35365853658537

2018 "Atlanta Hawks" 113.34146341463415

2019 "Atlanta Hawks" 111.76119402985074

2020 "Atlanta Hawks" 113.04166666666667

2015 "Boston Celtics" 105.71951219512195

2016 "Boston Celtics" 108.01219512195122

2017 "Boston Celtics" 104.01219512195122

2018 "Boston Celtics" 112.39024390243902

2019 "Boston Celtics" 113.65277777777777

2020 "Boston Celtics" 112.625

2015 "Cleveland Cavaliers" 104.32926829268293

2016 "Cleveland Cavaliers" 110.34146341463415

2017 "Cleveland Cavaliers" 110.86585365853658

2018 "Cleveland Cavaliers" 104.47560975609755

2019 "Cleveland Cavaliers" 106.8923076923077

2020 "Cleveland Cavaliers" 103.83333333333333

2015 "New Orleans Pelicans" 102.71951219512195

2016 "New Orleans Pelicans" 104.34146341463415

2017 "New Orleans Pelicans" 111.71951219512195

2018 "New Orleans Pelicans" 115.4390243902439

2019 "New Orleans Pelicans" 115.84722222222223

2020 "New Orleans Pelicans" 114.34722222222223

2015 "Chicago Bulls" 101.64634146341463

2016 "Chicago Bulls" 102.86585365853658

2017 "Chicago Bulls" 102.92682926829268

2018 "Chicago Bulls" 104.9390243902439

2019 "Chicago Bulls" 106.84615384615384

2020 "Chicago Bulls" 110.68055555555556

2015 "Dallas Mavericks" 102.29268292682927

2016 "Dallas Mavericks" 97.91463414634147

2017 "Dallas Mavericks" 102.3170731707317

2018 "Dallas Mavericks" 108.86585365853658

2019 "Dallas Mavericks" 117.01333333333334

2020 "Dallas Mavericks" 110.97222222222223

2015 "Denver Nuggets" 101.8641975308642

2016 "Denver Nuggets" 111.55555555555556

2017 "Denver Nuggets" 110

2018 "Denver Nuggets" 110.67073170731707

2019 "Denver Nuggets" 111.28767123287672

2020 "Denver Nuggets" 112.47222222222223

2015 "Golden State Warriors" 114.89024390243902

2016 "Golden State Warriors" 115.89024390243902

2017 "Golden State Warriors" 113.46341463414635

2018 "Golden State Warriors" 117.6829268292683

2019 "Golden State Warriors" 106.33846153846154

2020 "Golden State Warriors" 110.80555555555556

2015 "Houston Rockets" 106.54878048780488

2016 "Houston Rockets" 115.34146341463415

2017 "Houston Rockets" 112.35365853658537

2018 "Houston Rockets" 113.91463414634147

2019 "Houston Rockets" 117.80555555555556

2020 "Houston Rockets" 105.90277777777777

2015 "Los Angeles Clippers" 104.5

2016 "Los Angeles Clippers" 108.67073170731707

2017 "Los Angeles Clippers" 108.98780487804878

2018 "Los Angeles Clippers" 115.14634146341463

2019 "Los Angeles Clippers" 116.34722222222223

2020 "Los Angeles Clippers" 110.84722222222223

2015 "Los Angeles Lakers" 97.34146341463415

2016 "Los Angeles Lakers" 104.57317073170732

2017 "Los Angeles Lakers" 108.07317073170732

2018 "Los Angeles Lakers" 111.76829268292683

2019 "Los Angeles Lakers" 113.43661971830986

2020 "Los Angeles Lakers" 104.59722222222223

2015 "Miami Heat" 100.04878048780488

2016 "Miami Heat" 103.17073170731707

2017 "Miami Heat" 103.41463414634147

2018 "Miami Heat" 105.70731707317073

2019 "Miami Heat" 112.04109589041096

2020 "Miami Heat" 108.06944444444444

2015 "Milwaukee Bucks" 99.04878048780488

2016 "Milwaukee Bucks" 103.6219512195122

2017 "Milwaukee Bucks" 106.47560975609755

2018 "Milwaukee Bucks" 118.1219512195122

2019 "Milwaukee Bucks" 118.67123287671232

2020 "Milwaukee Bucks" 120.125

2015 "Minnesota Timberwolves" 102.41463414634147

2016 "Minnesota Timberwolves" 105.57317073170732

2017 "Minnesota Timberwolves" 109.51219512195122

2018 "Minnesota Timberwolves" 112.47560975609755

2019 "Minnesota Timberwolves" 113.25

2020 "Minnesota Timberwolves" 111.23611111111111

2015 "Brooklyn Nets" 98.64634146341463

2016 "Brooklyn Nets" 105.76829268292683

2017 "Brooklyn Nets" 106.59756097560975

2018 "Brooklyn Nets" 112.2439024390244

2019 "Brooklyn Nets" 111.77777777777777

2020 "Brooklyn Nets" 117.33333333333333

2015 "New York Knicks" 98.35365853658537

2016 "New York Knicks" 104.34146341463415

2017 "New York Knicks" 104.46341463414635

2018 "New York Knicks" 104.57317073170732

2019 "New York Knicks" 105.8030303030303

2020 "New York Knicks" 106.22222222222223

2015 "Orlando Magic" 102.0609756097561

2016 "Orlando Magic" 100.93827160493827

2017 "Orlando Magic" 103.40243902439025

2018 "Orlando Magic" 107.3170731707317

2019 "Orlando Magic" 107.27397260273973

2020 "Orlando Magic" 104

2015 "Indiana Pacers" 102.15853658536585

2016 "Indiana Pacers" 105.09756097560975

2017 "Indiana Pacers" 105.5609756097561

2018 "Indiana Pacers" 108.01219512195122

2019 "Indiana Pacers" 109.43835616438356

2020 "Indiana Pacers" 113.95833333333333

2015 "Philadelphia 76ers" 97.34567901234568

2016 "Philadelphia 76ers" 102.4390243902439

2017 "Philadelphia 76ers" 109.8048780487805

2018 "Philadelphia 76ers" 115.1829268292683

2019 "Philadelphia 76ers" 110.73972602739725

2020 "Philadelphia 76ers" 113.63888888888889

2015 "Phoenix Suns" 100.86585365853658

2016 "Phoenix Suns" 107.6951219512195

2017 "Phoenix Suns" 103.92682926829268

2018 "Phoenix Suns" 107.5

2019 "Phoenix Suns" 113.61643835616438

2020 "Phoenix Suns" 113

2015 "Portland Trail Blazers" 105.14634146341463

2016 "Portland Trail Blazers" 107.9390243902439

2017 "Portland Trail Blazers" 105.6219512195122

2018 "Portland Trail Blazers" 114.65853658536585

2019 "Portland Trail Blazers" 114.97297297297297

2020 "Portland Trail Blazers" 113.34722222222223

2015 "Sacramento Kings" 106.58536585365853

2016 "Sacramento Kings" 102.8048780487805

2017 "Sacramento Kings" 98.82926829268293

2018 "Sacramento Kings" 114.1829268292683

2019 "Sacramento Kings" 110.09722222222223

2020 "Sacramento Kings" 109.18055555555556

2015 "San Antonio Spurs" 103.53658536585365

2016 "San Antonio Spurs" 105.32926829268293

2017 "San Antonio Spurs" 102.73170731707317

2018 "San Antonio Spurs" 111.65853658536585

2019 "San Antonio Spurs" 114.05633802816901

2020 "San Antonio Spurs" 109.69444444444444

2015 "Oklahoma City Thunder" 110.21951219512195

2016 "Oklahoma City Thunder" 106.59756097560975

2017 "Oklahoma City Thunder" 107.85365853658537

2018 "Oklahoma City Thunder" 114.47560975609755

2019 "Oklahoma City Thunder" 110.41666666666667

2020 "Oklahoma City Thunder" 103.88888888888889

2015 "Toronto Raptors" 102.70731707317073

2016 "Toronto Raptors" 106.85365853658537

2017 "Toronto Raptors" 111.65853658536585

2018 "Toronto Raptors" 114.4390243902439

2019 "Toronto Raptors" 112.75

2020 "Toronto Raptors" 110.13888888888889

2015 "Utah Jazz" 97.6829268292683

2016 "Utah Jazz" 100.70731707317073

2017 "Utah Jazz" 104.14634146341463

2018 "Utah Jazz" 111.71951219512195

2019 "Utah Jazz" 111.29166666666667

2020 "Utah Jazz" 112.55555555555556

2015 "Memphis Grizzlies" 99.09756097560975

2016 "Memphis Grizzlies" 100.47560975609755

2017 "Memphis Grizzlies" 99.32926829268293

2018 "Memphis Grizzlies" 103.53658536585365

2019 "Memphis Grizzlies" 112.63013698630137

2020 "Memphis Grizzlies" 112.73611111111111

2015 "Washington Wizards" 104.07317073170732

2016 "Washington Wizards" 109.1829268292683

2017 "Washington Wizards" 106.60975609756098

2018 "Washington Wizards" 114.02439024390245

2019 "Washington Wizards" 114.41666666666667

2020 "Washington Wizards" 116.63888888888889

2015 "Detroit Pistons" 101.96341463414635

2016 "Detroit Pistons" 101.32926829268293

2017 "Detroit Pistons" 103.76829268292683

2018 "Detroit Pistons" 107.04878048780488

2019 "Detroit Pistons" 107.24242424242425

2020 "Detroit Pistons" 105.31944444444444

2015 "Charlotte Hornets" 103.40243902439025

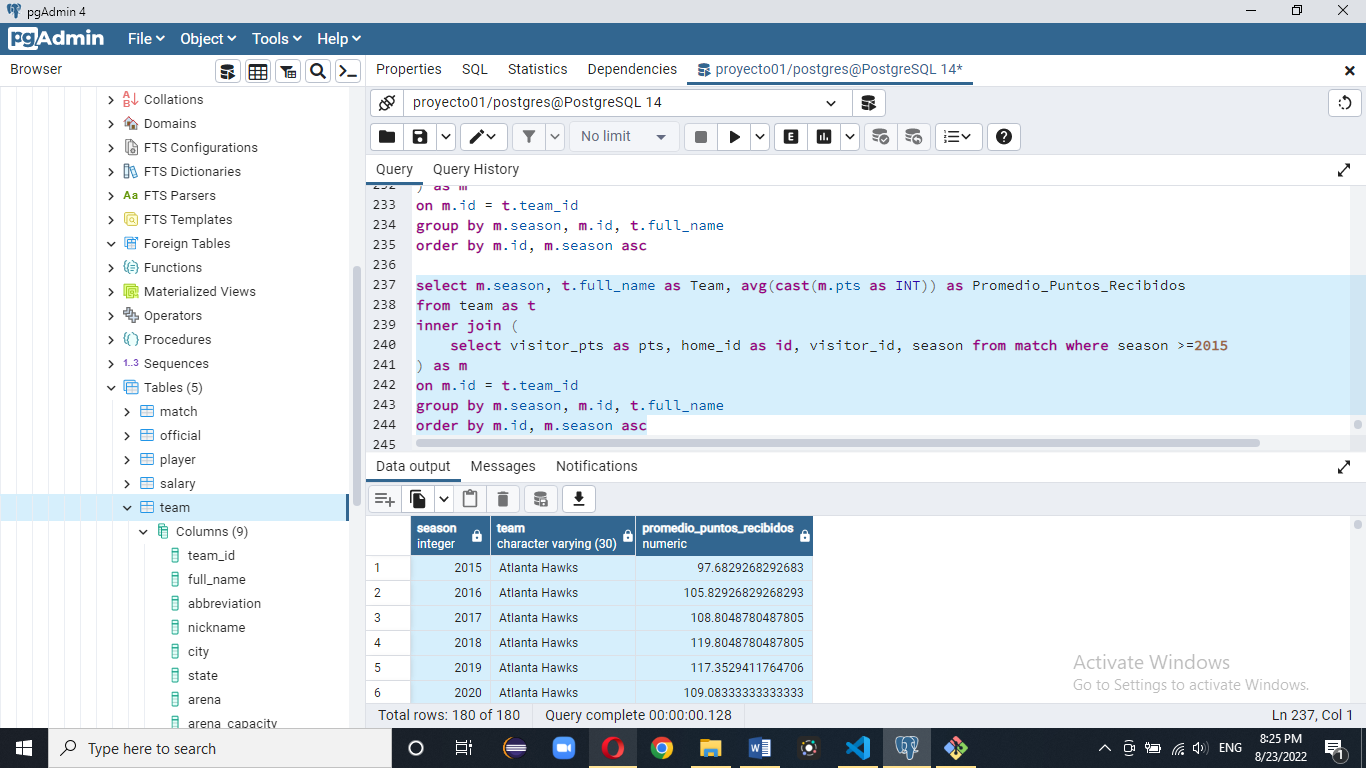
2016 "Charlotte Hornets" 104.89024390243902

2017 "Charlotte Hornets" 108.21951219512195

2018 "Charlotte Hornets" 110.7439024390244

2019 "Charlotte Hornets" 102.87692307692308

2020 "Charlotte Hornets" 109.45833333333333

Mientras que el promedio de puntos recibidos para cada equipo en cada temporada relevante [2015-2020] es:  


2015 "Atlanta Hawks" 97.6829268292683

2016 "Atlanta Hawks" 105.82926829268293

2017 "Atlanta Hawks" 108.8048780487805

2018 "Atlanta Hawks" 119.8048780487805

2019 "Atlanta Hawks" 117.3529411764706

2020 "Atlanta Hawks" 109.08333333333333

2015 "Boston Celtics" 100.48780487804878

2016 "Boston Celtics" 105.4390243902439

2017 "Boston Celtics" 100.65853658536585

2018 "Boston Celtics" 107.3170731707317

2019 "Boston Celtics" 108.05555555555556

2020 "Boston Celtics" 111.08333333333333

2015 "Cleveland Cavaliers" 98.39024390243902

2016 "Cleveland Cavaliers" 104.5609756097561

2017 "Cleveland Cavaliers" 110.36585365853658

2018 "Cleveland Cavaliers" 112.51219512195122

2019 "Cleveland Cavaliers" 115.05555555555556

2020 "Cleveland Cavaliers" 114.33333333333333

2015 "New Orleans Pelicans" 106.58536585365853

2016 "New Orleans Pelicans" 107.07317073170732

2017 "New Orleans Pelicans" 111.8780487804878

2018 "New Orleans Pelicans" 116

2019 "New Orleans Pelicans" 116.30555555555556

2020 "New Orleans Pelicans" 113.72222222222223

2015 "Chicago Bulls" 100.1951219512195

2016 "Chicago Bulls" 100.6829268292683

2017 "Chicago Bulls" 107.90243902439025

2018 "Chicago Bulls" 113.39024390243902

2019 "Chicago Bulls" 107.61764705882354

2020 "Chicago Bulls" 111.13888888888889

2015 "Dallas Mavericks" 101.95121951219512

2016 "Dallas Mavericks" 97.8780487804878

2017 "Dallas Mavericks" 103.90243902439025

2018 "Dallas Mavericks" 107.97560975609755

2019 "Dallas Mavericks" 112.8157894736842

2020 "Dallas Mavericks" 109.55555555555556

2015 "Denver Nuggets" 106.075

2016 "Denver Nuggets" 110.675

2017 "Denver Nuggets" 105.63414634146342

2018 "Denver Nuggets" 103.60975609756098

2019 "Denver Nuggets" 107.5945945945946

2020 "Denver Nuggets" 108.02777777777777

2015 "Golden State Warriors" 101.8780487804878

2016 "Golden State Warriors" 102.8780487804878

2017 "Golden State Warriors" 105.5609756097561

2018 "Golden State Warriors" 111.51219512195122

2019 "Golden State Warriors" 115.67647058823529

2020 "Golden State Warriors" 105.86111111111111

2015 "Houston Rockets" 104.58536585365853

2016 "Houston Rockets" 108.34146341463415

2017 "Houston Rockets" 104.97560975609755

2018 "Houston Rockets" 109.6829268292683

2019 "Houston Rockets" 112.36111111111111

2020 "Houston Rockets" 114.88888888888889

2015 "Los Angeles Clippers" 97.92682926829268

2016 "Los Angeles Clippers" 100.7560975609756

2017 "Los Angeles Clippers" 108.6829268292683

2018 "Los Angeles Clippers" 114.60975609756098

2019 "Los Angeles Clippers" 109.02777777777777

2020 "Los Angeles Clippers" 103.63888888888889

2015 "Los Angeles Lakers" 103

2016 "Los Angeles Lakers" 109.1219512195122

2017 "Los Angeles Lakers" 105.95121951219512

2018 "Los Angeles Lakers" 111.17073170731707

2019 "Los Angeles Lakers" 106.37142857142857

2020 "Los Angeles Lakers" 101.38888888888889

2015 "Miami Heat" 97.85365853658537

2016 "Miami Heat" 102.51219512195122

2017 "Miami Heat" 102.58536585365853

2018 "Miami Heat" 105.78048780487805

2019 "Miami Heat" 106.97222222222223

2020 "Miami Heat" 108.58333333333333

2015 "Milwaukee Bucks" 101.8780487804878

2016 "Milwaukee Bucks" 103.53658536585365

2017 "Milwaukee Bucks" 105.8048780487805

2018 "Milwaukee Bucks" 107.78048780487805

2019 "Milwaukee Bucks" 107.97142857142858

2020 "Milwaukee Bucks" 113.08333333333333

2015 "Minnesota Timberwolves" 105.3170731707317

2016 "Minnesota Timberwolves" 103.6829268292683

2017 "Minnesota Timberwolves" 105.7560975609756

2018 "Minnesota Timberwolves" 111.7560975609756

2019 "Minnesota Timberwolves" 115.34375

2020 "Minnesota Timberwolves" 116.38888888888889

2015 "Brooklyn Nets" 104

2016 "Brooklyn Nets" 109.92682926829268

2017 "Brooklyn Nets" 108.95121951219512

2018 "Brooklyn Nets" 111.29268292682927

2019 "Brooklyn Nets" 110.61111111111111

2020 "Brooklyn Nets" 111.36111111111111

2015 "New York Knicks" 100.3170731707317

2016 "New York Knicks" 106.46341463414635

2017 "New York Knicks" 105.73170731707317

2018 "New York Knicks" 113.7560975609756

2019 "New York Knicks" 110.48484848484848

2020 "New York Knicks" 105.13888888888889

2015 "Orlando Magic" 102.17073170731707

2016 "Orlando Magic" 103.8048780487805

2017 "Orlando Magic" 107.3170731707317

2018 "Orlando Magic" 106.6829268292683

2019 "Orlando Magic" 106.4

2020 "Orlando Magic" 114.41666666666667

2015 "Indiana Pacers" 98.85365853658537

2016 "Indiana Pacers" 101.6829268292683

2017 "Indiana Pacers" 103.92682926829268

2018 "Indiana Pacers" 101.04878048780488

2019 "Indiana Pacers" 105.91666666666667

2020 "Indiana Pacers" 113

2015 "Philadelphia 76ers" 107.70731707317073

2016 "Philadelphia 76ers" 105.95121951219512

2017 "Philadelphia 76ers" 103.41463414634147

2018 "Philadelphia 76ers" 110.1951219512195

2019 "Philadelphia 76ers" 104.65714285714286

2020 "Philadelphia 76ers" 108.52777777777777

2015 "Phoenix Suns" 105.8048780487805

2016 "Phoenix Suns" 111.92682926829268

2017 "Phoenix Suns" 113.46341463414635

2018 "Phoenix Suns" 113.85365853658537

2019 "Phoenix Suns" 112.61538461538461

2020 "Phoenix Suns" 103.80555555555556

2015 "Portland Trail Blazers" 102.34146341463415

2016 "Portland Trail Blazers" 106.8780487804878

2017 "Portland Trail Blazers" 102.1951219512195

2018 "Portland Trail Blazers" 109.82926829268293

2019 "Portland Trail Blazers" 115.33333333333333

2020 "Portland Trail Blazers" 110

2015 "Sacramento Kings" 108.6829268292683

2016 "Sacramento Kings" 106.90243902439025

2017 "Sacramento Kings" 105.95121951219512

2018 "Sacramento Kings" 113.48780487804878

2019 "Sacramento Kings" 112.22857142857143

2020 "Sacramento Kings" 111.83333333333333

2015 "San Antonio Spurs" 91.17073170731707

2016 "San Antonio Spurs" 97.46341463414635

2017 "San Antonio Spurs" 98.1219512195122

2018 "San Antonio Spurs" 105.95121951219512

2019 "San Antonio Spurs" 112.94117647058823

2020 "San Antonio Spurs" 113.58333333333333

2015 "Oklahoma City Thunder" 99.6829268292683

2016 "Oklahoma City Thunder" 103.58536585365853

2017 "Oklahoma City Thunder" 103.5609756097561

2018 "Oklahoma City Thunder" 109.63414634146342

2019 "Oklahoma City Thunder" 109.02702702702703

2020 "Oklahoma City Thunder" 117.97222222222223

2015 "Toronto Raptors" 98.39024390243902

2016 "Toronto Raptors" 103.1951219512195

2017 "Toronto Raptors" 101.73170731707317

2018 "Toronto Raptors" 107.58536585365853

2019 "Toronto Raptors" 107.02777777777777

2020 "Toronto Raptors" 109.58333333333333

2015 "Utah Jazz" 93.04878048780488

2016 "Utah Jazz" 94.8048780487805

2017 "Utah Jazz" 96.73170731707317

2018 "Utah Jazz" 104.78048780487805

2019 "Utah Jazz" 107.6

2020 "Utah Jazz" 100.30555555555556

2015 "Memphis Grizzlies" 101.48780487804878

2016 "Memphis Grizzlies" 97.1219512195122

2017 "Memphis Grizzlies" 102.95121951219512

2018 "Memphis Grizzlies" 104.17073170731707

2019 "Memphis Grizzlies" 112.13513513513513

2020 "Memphis Grizzlies" 110.61111111111111

2015 "Washington Wizards" 103.48780487804878

2016 "Washington Wizards" 105.48780487804878

2017 "Washington Wizards" 105.29268292682927

2018 "Washington Wizards" 114.65853658536585

2019 "Washington Wizards" 115.86111111111111

2020 "Washington Wizards" 119.08333333333333

2015 "Detroit Pistons" 100.04878048780488

2016 "Detroit Pistons" 98.92682926829268

2017 "Detroit Pistons" 102.60975609756098

2018 "Detroit Pistons" 106.09756097560975

2019 "Detroit Pistons" 111.36363636363636

2020 "Detroit Pistons" 108.13888888888889

2015 "Charlotte Hornets" 99.09756097560975

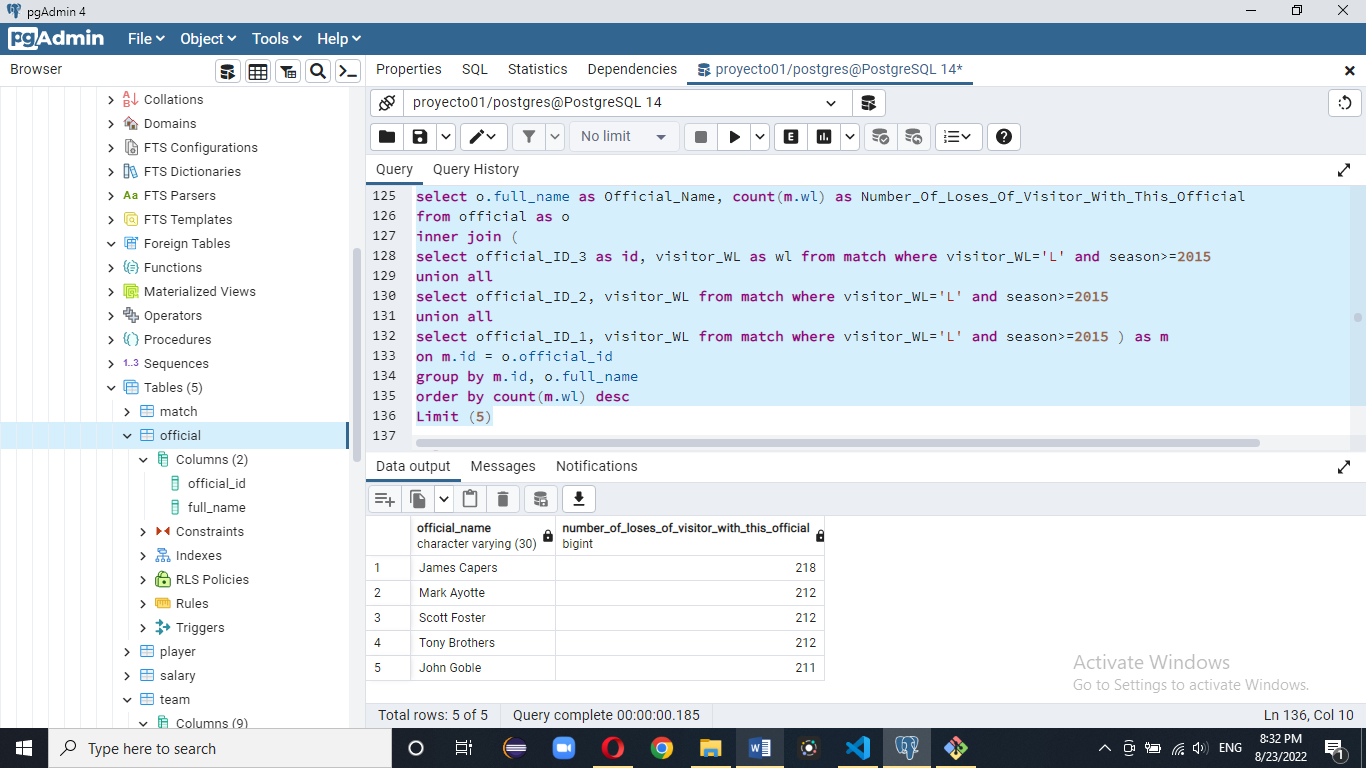
2016 "Charlotte Hornets" 103.36585365853658

2017 "Charlotte Hornets" 108

2018 "Charlotte Hornets" 109.46341463414635

2019 "Charlotte Hornets" 109.51612903225806

2020 "Charlotte Hornets" 108.5

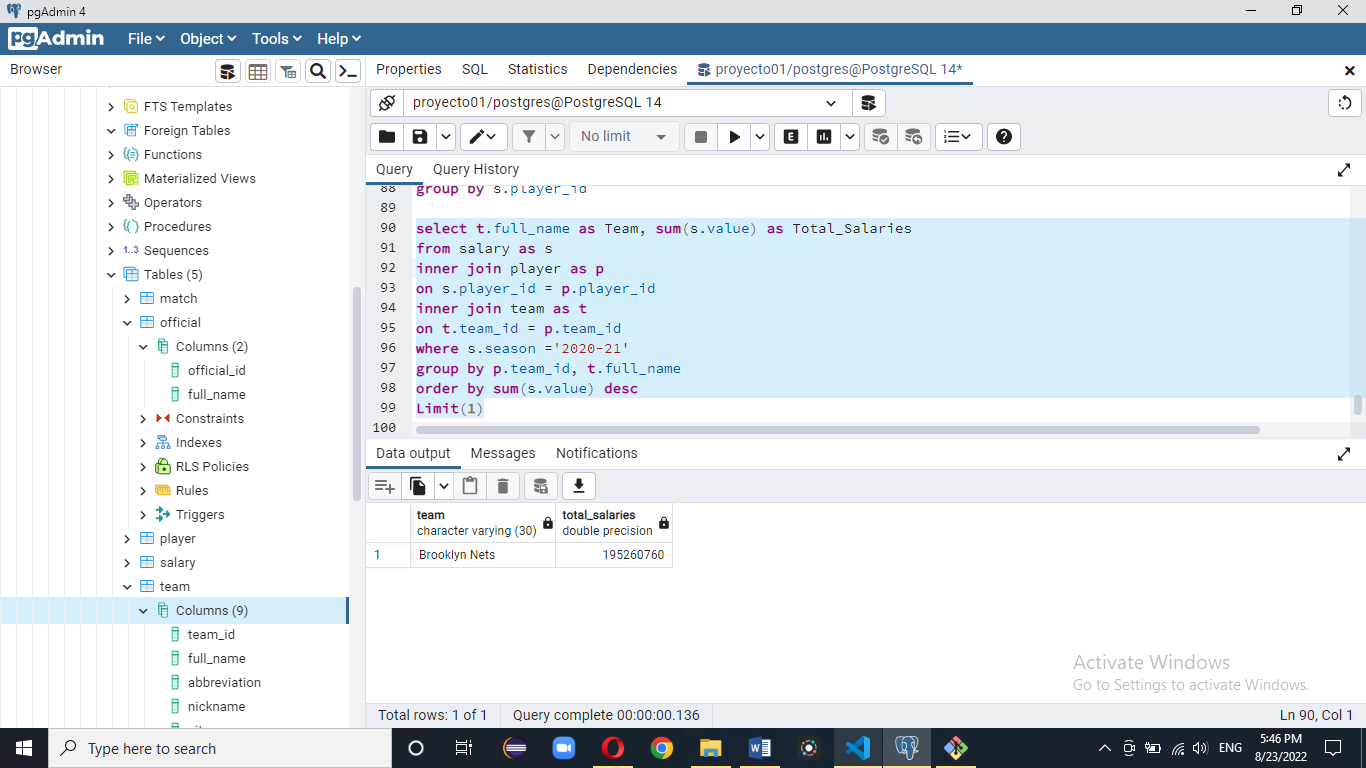
1. Muestre el top 5 árbitros que cuando pitan pierde el equipo visitante.  
     
   "James Capers" 218

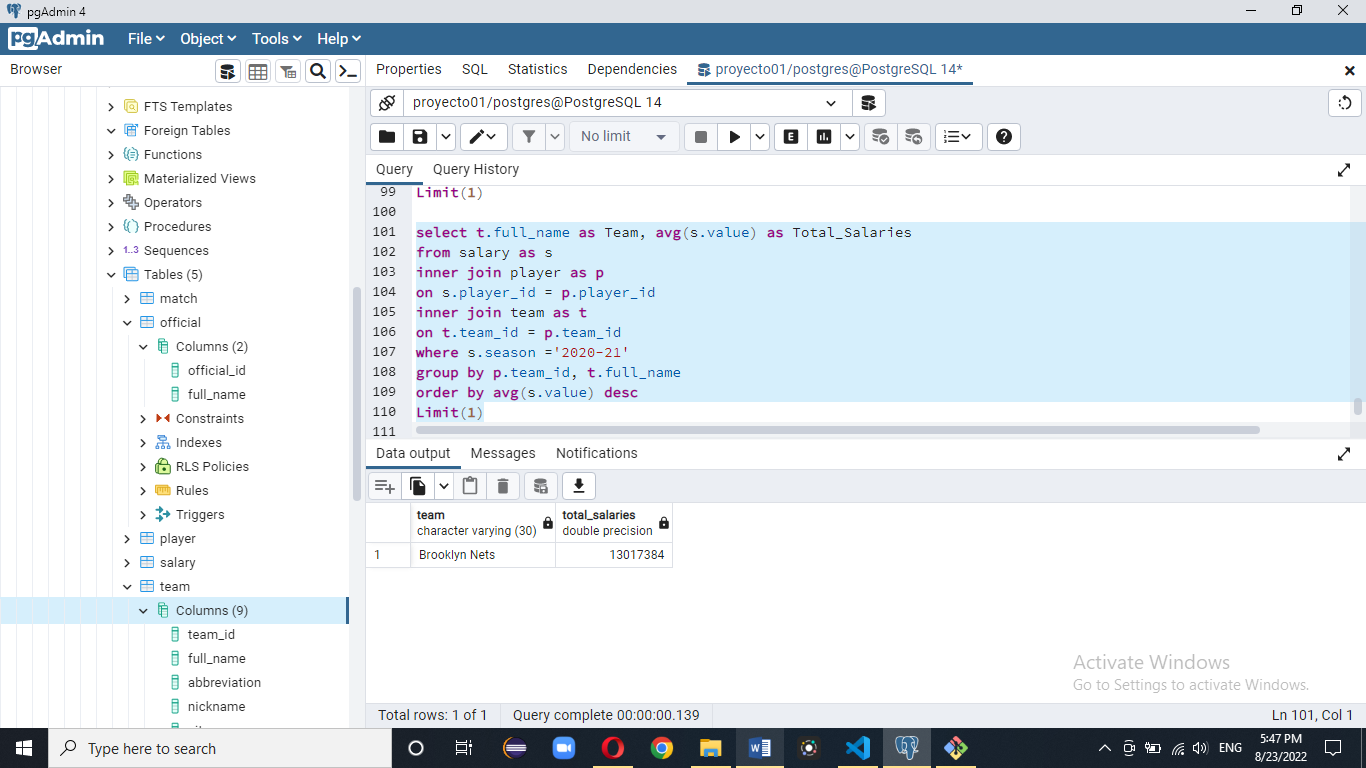
"Mark Ayotte" 212

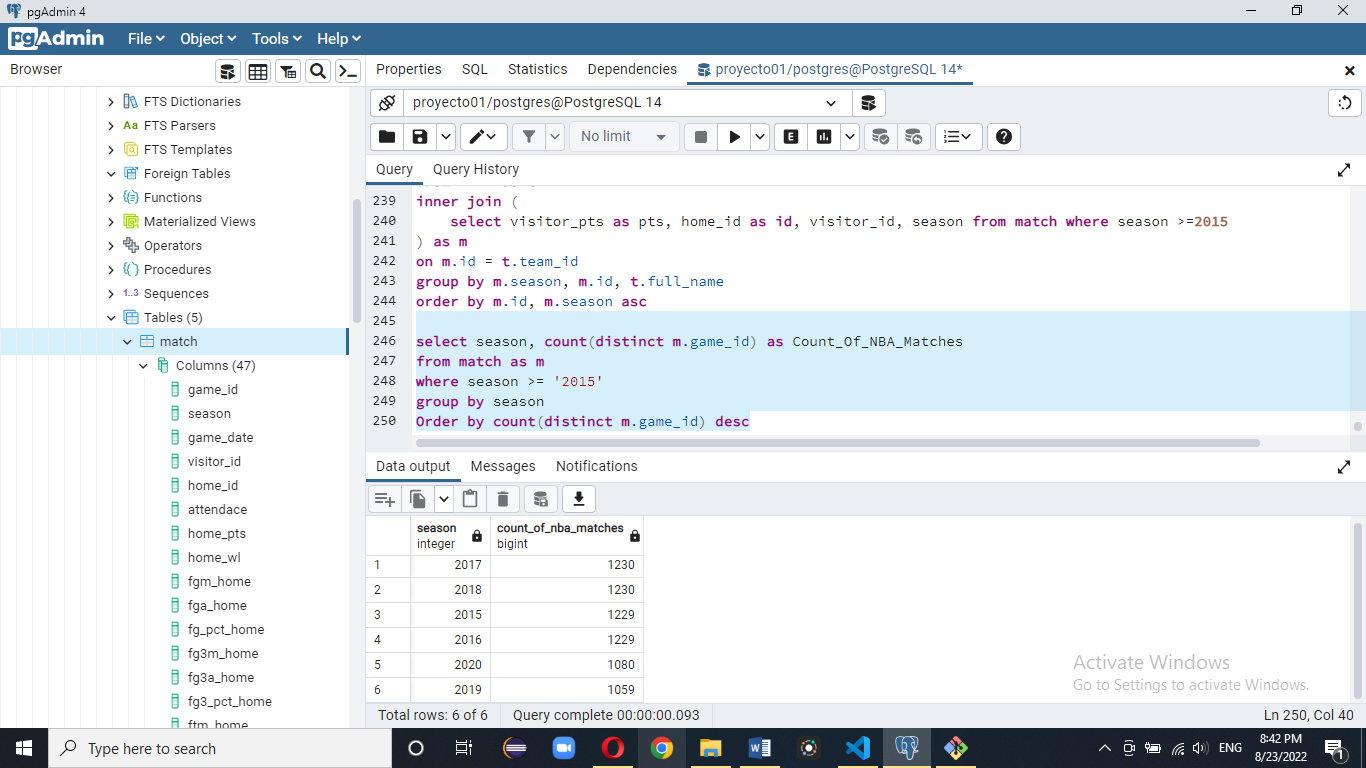
"Scott Foster" 212

"Tony Brothers" 212

"John Goble" 211

1. ¿Qué equipo maneja los salarios más altos actualmente?  
     
   El equipo que tiene los salarios más altos es "Brooklyn Nets" con un total de $195260760 invertidos en salarios para la temporada 2020-21.  
   Así mismo, esto es comprobado debido a que en la media de salarios, también tienen la más alta con un total de $13017384 por jugador.



1. ¿Cuál fue la temporada con más partidos en la historia de la NBA? Se debe de destacar que solo se tomará en cuenta las temporadas entre [2015-2020] debido a que en las instrucciones del proyecto se especificó que eran de estas temporadas de las que nos teníamos que basar.   
   

2017 1230

2018 1230

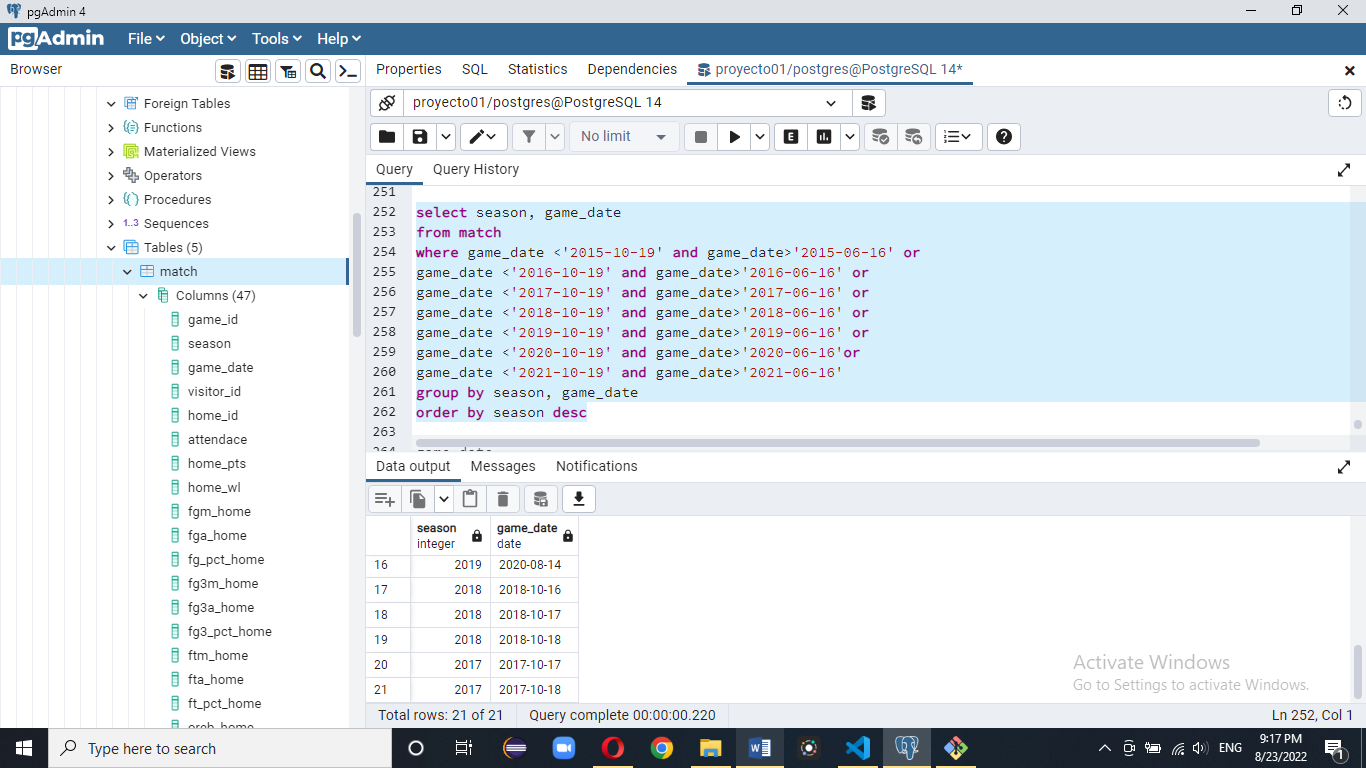
2015 1229

2016 1229

2020 1080

2019 1059

Por ende la temporada 2017 y la temporada 2018 son las temporadas con más partidos con 1230 partidos realizados.

1. ¿Cuál fue la temporada en la que más se han prolongado las fechas de los juegos? Basándonos en el hecho de que la temporada regular de la NBA abarca desde el 19 de octubre de 2021 hasta el 10 de abril de 2022, luego hay play in del 12 al 15 de abril, play offs del 16 de abril al 30 de mayo y las finales son del 2 al 16 de Junio de 2022, una temporada regular estaría desde el año anterior-10-19 hasta el año actual-06-16.  
   

Por ende, la temporada que más se prolongaron las fechas fue, la temporada 2017 y 2018 dado que la temporada tuvo fechas hasta el 18 de octubre. Un día antes que terminara la temporada.

2019 "2020-07-30"

2019 "2020-07-31"

2019 "2020-08-01"

2019 "2020-08-02"

2019 "2020-08-03"

2019 "2020-08-04"

2019 "2020-08-05"

2019 "2020-08-06"

2019 "2020-08-07"

2019 "2020-08-08"

2019 "2020-08-09"

2019 "2020-08-10"

2019 "2020-08-11"

2019 "2020-08-12"

2019 "2020-08-13"

2019 "2020-08-14"

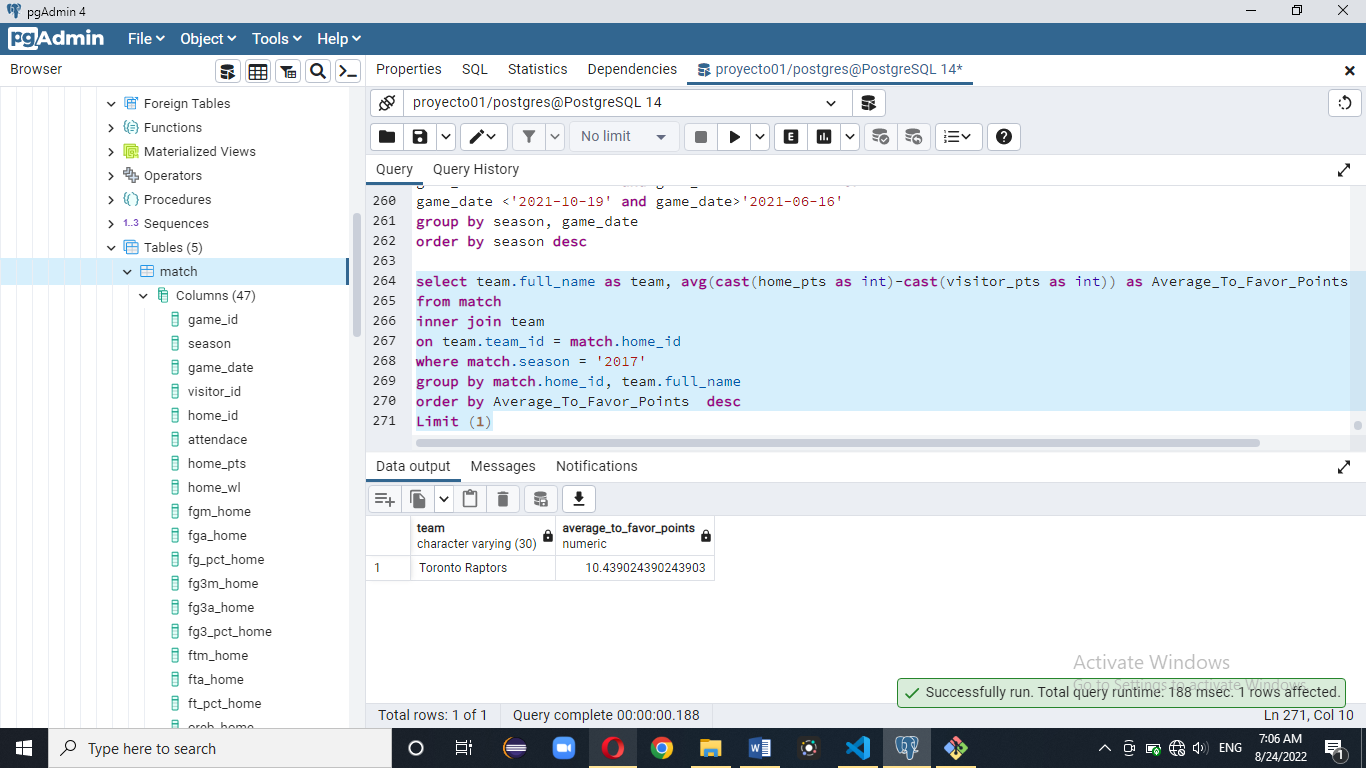
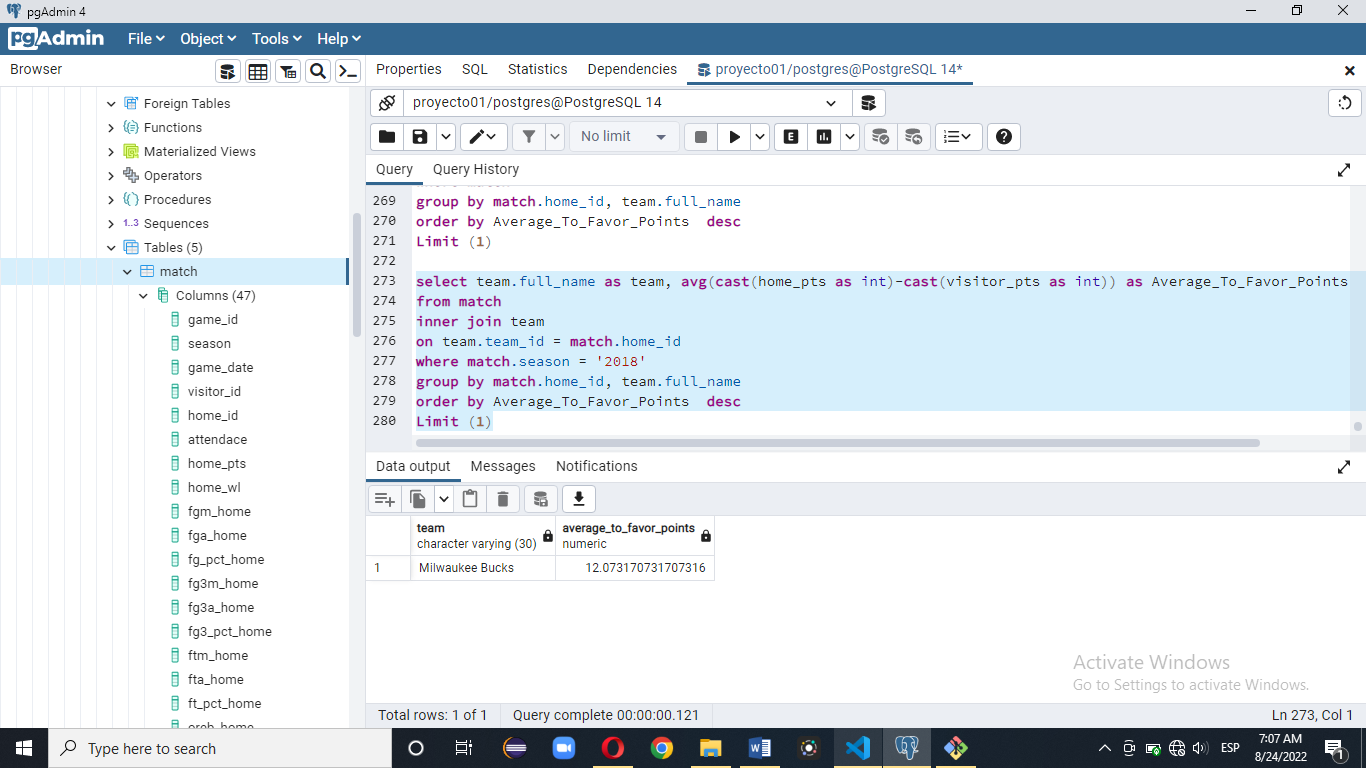
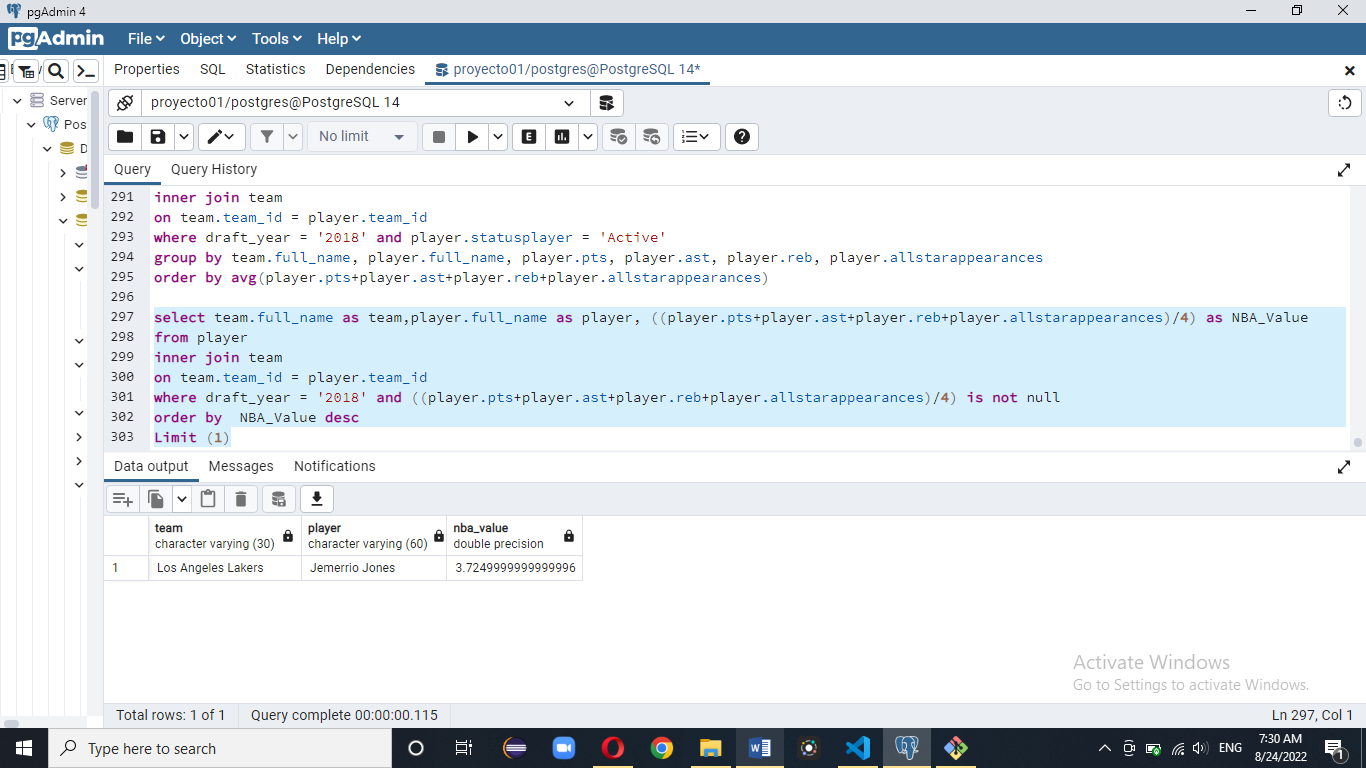
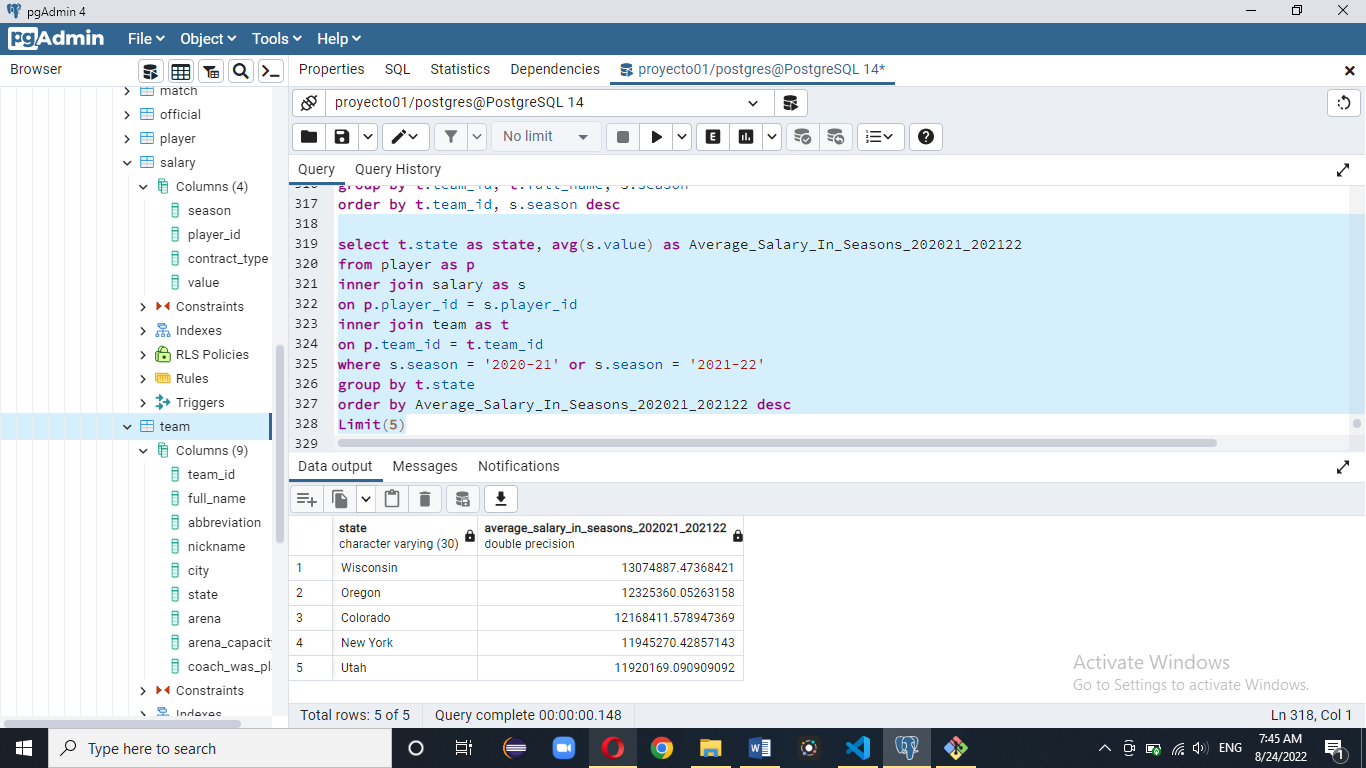
2018 "2018-10-16"

2018 "2018-10-17"

2018 "2018-10-18"

2017 "2017-10-17"

2017 "2017-10-18"

1. ¿Cuál es el equipo que más diferencia de puntos a favor obtuvo en promedio por partido para la temporada 2017?  
     
   Por ende fue Toronto Raptors quien tuvo la diferencia de puntos más favorable en la temporada 2017 con 10.44 puntos a favor por partido jugado.
2. ¿Cuál es el equipo con más diferencia de punto a favor para la temporada 2018?  
     
   Para la temporada 2018 el equipo con la mayor diferencia de puntos a favor en promedio por partido jugado fue, Milwaukee Bucks, con 12.07 puntos a favor por partido jugado.
3. ¿Quién es el jugador más valioso del draft del 2018 hoy en día?  
     
   Por ende, el jugador más valioso de la NBA para el año 2018 fue Jemerrio Jones con un valor de nba de 3.72 perteneciente a Los Angeles Lakers.
4. Calcule el top 5 de los estados que más salarios pagaron durante las temporadas 2020-2021 y 2021-2022  
   

|  |  |
| --- | --- |
| "Wisconsin" | 13074887.47368421 |
| "Oregon" | 12325360.05263158 |
| "Colorado" | 12168411.578947369 |
| "New York" | 11945270.42857143 |
| "Utah" | 11920169.090909092 |

Queries:

drop table Player cascade

drop table official cascade

drop table salary cascade

drop table team cascade

drop table match cascade

select a.Player\_ID, a.Full\_Name, a.Height

from Player as a

where a.StatusPlayer = 'Active'

order by a.Height desc

limit (1)

select \* from match

select m.home\_id, cast(m.home\_pts as INT)

from match as m

order by m.home\_id

select sum(cast(m.visitor\_pts as INT)) as suma, m.visitor\_id from match as m

group by m.visitor\_id

order by m.visitor\_id

select sum(cast(m.home\_pts as INT)) as suma, m.home\_id, l.suma, l.visitor\_id

from match as m, (

select sum(cast(m.visitor\_pts as INT)) as suma, m.visitor\_id from match as m

group by m.visitor\_id

order by m.visitor\_id

)as l

group by m.home\_id, l.suma, l.visitor\_id

order by m.home\_id, l.visitor\_id

select sum (coalesce(m.suma2)+coalesce(m.suma1)) as , m.id

from match, (

select sum(cast(m.home\_pts as INT)) as suma1, m.home\_id as id, l.suma as suma2, l.visitor\_id

from match as m, (

select sum(cast(m.visitor\_pts as INT)) as suma, m.visitor\_id from match as m

group by m.visitor\_id

order by m.visitor\_id

)as l

group by m.home\_id, l.suma, l.visitor\_id

order by m.home\_id, l.visitor\_id

) as m

group by m.id

order by m.id asc

select avg(coalesce(m.suma2)+coalesce(m.suma1)) as promedio, m.id

from match, (

select avg(cast(m.home\_pts as INT)) as suma1, m.home\_id as id, l.suma as suma2, l.visitor\_id

from match as m, (

select avg(cast(m.visitor\_pts as INT)) as suma, m.visitor\_id from match as m

group by m.visitor\_id

order by m.visitor\_id

)as l

group by m.home\_id, l.suma, l.visitor\_id

order by m.home\_id, l.visitor\_id

) as m

group by m.id

order by promedio asc

select count(visitor\_WL), official\_ID\_1

from match

where visitor\_WL='L'

group by official\_ID\_1

order by official\_ID\_1

select count(visitor\_WL), official\_ID\_2

from match

where visitor\_WL='L'

group by official\_ID\_2

order by official\_ID\_2

select count(visitor\_W1L), official\_ID\_2

from match

where visitor\_WL='L'

group by official\_ID\_3

order by official\_ID\_3

select count(l.visitor\_WL) as Loses\_Counter, l.official\_ID\_3 as Official\_ID

from official, (

select official\_ID\_3, visitor\_WL from match where visitor\_WL='L' and season>=2015 group by official\_ID\_3, visitor\_WL

union all

select official\_ID\_2, visitor\_WL from match where visitor\_WL='L' and season>=2015 group by official\_ID\_2, visitor\_WL

union all

select official\_ID\_1, visitor\_WL from match where visitor\_WL='L' and season>=2015 group by official\_ID\_1, visitor\_WL

) as l

group by l.official\_ID\_3

order by Loses\_Counter desc

Limit 5

select p.Team\_ID

from Salary as s, player as p

where p.player\_id = s.player\_id

select sum(s.value), s.player\_id

from salary as s

where s.season ='2020-21'

group by s.player\_id

select t.full\_name as Team, sum(s.value) as Total\_Salaries

from salary as s

inner join player as p

on s.player\_id = p.player\_id

inner join team as t

on t.team\_id = p.team\_id

where s.season ='2020-21'

group by p.team\_id, t.full\_name

order by sum(s.value) desc

Limit(1)

select t.full\_name as Team, avg(s.value) as Total\_Salaries

from salary as s

inner join player as p

on s.player\_id = p.player\_id

inner join team as t

on t.team\_id = p.team\_id

where s.season ='2020-21'

group by p.team\_id, t.full\_name

order by avg(s.value) desc

Limit(1)

select o.full\_name, count(m.home\_wl)

from official as o

inner join match as m

on m.official\_id\_1 = o.official\_id

where m.home\_wl = 'W'and m.season >=2014

group by m.official\_id\_1, o.full\_name

select official\_ID\_3, visitor\_WL from match where visitor\_WL='L' and season>=2015

union all

select official\_ID\_2, visitor\_WL from match where visitor\_WL='L' and season>=2015

union all

select official\_ID\_1, visitor\_WL from match where visitor\_WL='L' and season>=2015

select o.full\_name as Official\_Name, count(m.wl) as Number\_Of\_Loses\_Of\_Visitor\_With\_This\_Official

from official as o

inner join (

select official\_ID\_3 as id, visitor\_WL as wl from match where visitor\_WL='L' and season>=2015

union all

select official\_ID\_2, visitor\_WL from match where visitor\_WL='L' and season>=2015

union all

select official\_ID\_1, visitor\_WL from match where visitor\_WL='L' and season>=2015 ) as m

on m.id = o.official\_id

group by m.id, o.full\_name

order by count(m.wl) desc

Limit (5)

select t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_2014

from team as t

inner join (

select home\_pts as pts, home\_id as id from match where season =2014

union all

select visitor\_pts as pts, visitor\_id as id from match where season =2014

) as m

on m.id = t.team\_id

group by m.id, t.full\_name

order by avg(cast(m.pts as INT)) desc

select t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_2015

from team as t

inner join (

select home\_pts as pts, home\_id as id from match where season =2015

union all

select visitor\_pts as pts, visitor\_id as id from match where season =2015

) as m

on m.id = t.team\_id

group by m.id, t.full\_name

order by avg(cast(m.pts as INT)) desc

select t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_2016

from team as t

inner join (

select home\_pts as pts, home\_id as id from match where season =2016

union all

select visitor\_pts as pts, visitor\_id as id from match where season =2016

) as m

on m.id = t.team\_id

group by m.id, t.full\_name

order by avg(cast(m.pts as INT)) desc

select t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_2017

from team as t

inner join (

select home\_pts as pts, home\_id as id from match where season =2017

union all

select visitor\_pts as pts, visitor\_id as id from match where season =2017

) as m

on m.id = t.team\_id

group by m.id, t.full\_name

order by avg(cast(m.pts as INT)) desc

select t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_2018

from team as t

inner join (

select home\_pts as pts, home\_id as id from match where season =2018

union all

select visitor\_pts as pts, visitor\_id as id from match where season =2018

) as m

on m.id = t.team\_id

group by m.id, t.full\_name

order by avg(cast(m.pts as INT)) desc

select t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_2019

from team as t

inner join (

select home\_pts as pts, home\_id as id from match where season =2019

union all

select visitor\_pts as pts, visitor\_id as id from match where season =2019

) as m

on m.id = t.team\_id

group by m.id, t.full\_name

order by avg(cast(m.pts as INT)) desc

select t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_2020

from team as t

inner join (

select home\_pts as pts, home\_id as id from match where season =2020

union all

select visitor\_pts as pts, visitor\_id as id from match where season =2020

) as m

on m.id = t.team\_id

group by m.id, t.full\_name

order by avg(cast(m.pts as INT)) desc

select t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_2021

from team as t

inner join (

select home\_pts as pts, home\_id as id from match where season =2021

union all

select visitor\_pts as pts, visitor\_id as id from match where season =2021

) as m

on m.id = t.team\_id

group by m.id, t.full\_name

order by avg(cast(m.pts as INT)) desc

select m.season, t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_Anotados

from team as t

inner join (

select home\_pts as pts, home\_id as id, season from match where season >=2015

union all

select visitor\_pts as pts, visitor\_id as id, season from match where season >=2015

) as m

on m.id = t.team\_id

group by m.season, m.id, t.full\_name

order by m.id, m.season asc

select m.season, t.full\_name as Team, avg(cast(m.pts as INT)) as Promedio\_Puntos\_Recibidos

from team as t

inner join (

select visitor\_pts as pts, home\_id as id, visitor\_id, season from match where season >=2015

) as m

on m.id = t.team\_id

group by m.season, m.id, t.full\_name

order by m.id, m.season asc

select season, count(distinct m.game\_id) as Count\_Of\_NBA\_Matches

from match as m

where season >= '2015'

group by season

Order by count(distinct m.game\_id) desc

select season, game\_date

from match

where game\_date <'2015-10-19' and game\_date>'2015-06-16' or

game\_date <'2016-10-19' and game\_date>'2016-06-16' or

game\_date <'2017-10-19' and game\_date>'2017-06-16' or

game\_date <'2018-10-19' and game\_date>'2018-06-16' or

game\_date <'2019-10-19' and game\_date>'2019-06-16' or

game\_date <'2020-10-19' and game\_date>'2020-06-16'or

game\_date <'2021-10-19' and game\_date>'2021-06-16'

group by season, game\_date

order by season desc

select team.full\_name as team, avg(cast(home\_pts as int)-cast(visitor\_pts as int)) as Average\_To\_Favor\_Points

from match

inner join team

on team.team\_id = match.home\_id

where match.season = '2017'

group by match.home\_id, team.full\_name

order by Average\_To\_Favor\_Points desc

Limit (1)

select team.full\_name as team, avg(cast(home\_pts as int)-cast(visitor\_pts as int)) as Average\_To\_Favor\_Points

from match

inner join team

on team.team\_id = match.home\_id

where match.season = '2018'

group by match.home\_id, team.full\_name

order by Average\_To\_Favor\_Points desc

Limit (1)

select \*

from player

select player.statusplayer

from player

where draft\_year = '2018' and player.statusplayer = 'Active'

select team.full\_name, player.full\_name, avg(player.pts+player.ast+player.reb+player.allstarappearances)

from player

inner join team

on team.team\_id = player.team\_id

where draft\_year = '2018' and player.statusplayer = 'Active'

group by team.full\_name, player.full\_name, player.pts, player.ast, player.reb, player.allstarappearances

order by avg(player.pts+player.ast+player.reb+player.allstarappearances)

select team.full\_name as team,player.full\_name as player, ((player.pts+player.ast+player.reb+player.allstarappearances)/4) as NBA\_Value

from player

inner join team

on team.team\_id = player.team\_id

where draft\_year = '2018' and ((player.pts+player.ast+player.reb+player.allstarappearances)/4) is not null

order by NBA\_Value desc

Limit (1)

select value, player\_id

from salary

where season = '2020-21' or season = '2021-22'

select s.season, t.full\_name as team, avg(s.value) as Average\_Salary

from player as p

inner join salary as s

on p.player\_id = s.player\_id

inner join team as t

on p.team\_id = t.team\_id

where s.season = '2020-21' or s.season = '2021-22'

group by t.team\_id, t.full\_name, s.season

order by t.team\_id, s.season desc

select t.state as state, avg(s.value) as Average\_Salary\_In\_Seasons\_202021\_202122

from player as p

inner join salary as s

on p.player\_id = s.player\_id

inner join team as t

on p.team\_id = t.team\_id

where s.season = '2020-21' or s.season = '2021-22'

group by t.state

order by Average\_Salary\_In\_Seasons\_202021\_202122 desc

Limit(5)

select a.Player\_ID, a.Full\_Name, a.Height

from Player as a

where a.StatusPlayer = 'Active'

order by a.Height asc

limit (1)

select distinct s.Team\_ID

from Team as s

select avg(Cast)