

```

//
//Partidos por estadio
//

    //Recesta sushi

{
  "op": "reducers",
  "cont": {
    "name": "count",
    "path": "venue",
    "group": "location"
  }
}

    //Resultado

[
  {
    "Parc des Princes": 7,
    "Roazhon Park": 7,
    "Stade Océane": 7,
    "Stade Auguste-Delaune": 6,
    "Stade des Alpes": 5,
    "Stade de Nice": 6,
    "Stade du Hainaut": 6,
    "Stade de la Mosson": 5,
    "Stade de Lyon": 3
  }
]

//
//Promedio de sustituciones por partido del equipo local
//

    //Receta sushi

a) Sacar valores anidados del home_team_events

[
  {
    "op": "overturn",
    "cont": {
      "pivot": "home_team_events",
      "dest": "events"
    }
  }
]

b) Obtener los eventos que sean de tipo substitution-in

```

```
[
{
  "op": "filters",
  "cont": {
    "name": "match",
    "path": "type_of_event",
    "match": "substitution-in"
  }
}
]
```

c) Obtener el numero de substitutions del equipo local por id de partido

```
[
{
  "op": "reducers",
  "cont": [
    {
      "name": "count",
      "path": "type_of_event",
      "group": "events.fifa_id"
    }
  ]
}
]
```

//Resultado

```
[
{
  "300438212": 3,
  "300438213": 3,
  "300438214": 4,
  "300438215": 3,
  "300438216": 3,
  "300438217": 3,
  "300438218": 1,
  "300438219": 3,
  "300438220": 2,
  "300438221": 3,
  "300438222": 3,
  "300438223": 4,
  "300438224": 2,
  "300438225": 2,
  "300438226": 3,
  "300438227": 3,
  "300438228": 3,
  "300438229": 3,
  "300438230": 3,
  "300438231": 3,
  "300438232": 3,
  "300438233": 3,
}
```

```

        "300438234": 3,
        "300438235": 3,
        "300438236": 3,
        "300438237": 5,
        "300438238": 3,
        "300438239": 2,
        "300438240": 3,
        "300438241": 2,
        "300438242": 3,
        "300438243": 3,
        "300438244": 4,
        "300438245": 3,
        "300438246": 3,
        "300438247": 3,
        "300438248": 2,
        "300438249": 3,
        "300438250": 3,
        "300438251": 3,
        "300438252": 4,
        "300438253": 4,
        "300438254": 3,
        "300438255": 4,
        "300438256": 3,
        "300438257": 3,
        "300438258": 3,
        "300438259": 3,
        "300438260": 3,
        "300438261": 2,
        "300438262": 3,
        "300438263": 3
    }
]

//
//Promedio de sustituciones por partido del equipo invitado
//

//Receta sushi

a) Sacar valores anidados del away_team_events

[
    {
        "op": "overturn",
        "cont": {
            "pivot": "away_team_events",
            "dest": "events"
        }
    }
]

```

b) Obtener los eventos que sean de tipo substitution-in

```
[
{
  "op": "filters",
  "cont": {
    "name": "match",
    "path": "type_of_event",
    "match": "substitution-in"
  }
}
]
```

c) Obtener el numero de substitutions del equipo invitado por id de partido

```
[
{
  "op": "reducers",
  "cont": [
    {
      "name": "count",
      "path": "type_of_event",
      "group": "events.fifa_id"
    }
  ]
}
]
```

//Resultado

```
[
{
  "300438212": 3,
  "300438214": 3,
  "300438215": 3,
  "300438217": 3,
  "300438218": 4,
  "300438220": 3,
  "300438221": 3,
  "300438222": 3,
  "300438223": 3,
  "300438224": 3,
  "300438225": 3,
  "300438226": 3,
  "300438227": 3,
  "300438228": 3,
  "300438229": 3,
  "300438230": 4,
  "300438231": 4,
  "300438232": 3,
  "300438233": 3,
```

```

        "300438235": 3,
        "300438236": 3,
        "300438237": 5,
        "300438239": 3,
        "300438240": 3,
        "300438241": 3,
        "300438242": 3,
        "300438243": 3,
        "300438244": 3,
        "300438245": 3,
        "300438246": 2,
        "300438247": 4,
        "300438248": 4,
        "300438249": 3,
        "300438250": 2,
        "300438251": 3,
        "300438252": 3,
        "300438253": 4,
        "300438254": 4,
        "300438255": 4,
        "300438256": 3,
        "300438257": 3,
        "300438258": 3,
        "300438259": 2,
        "300438260": 3,
        "300438261": 3,
        "300438262": 3,
        "300438263": 3
    }
}

]

//
//Promedio de goles por estadio
//

//Receta sushi

a) Numero de goles del equipo local por estadio

[
    {
        "op": "reducers",
        "cont": [
            {
                "name": "operation",
                "path": "home_team.goals",
                "operator": "addition",
                "group": "venue"
            }
        ]
    }
]

```

```
]
```

```
//Resultado
```

```
[
```

```
{
  "Paris": 12,
  "Rennes": 6,
  "Le Havre": 6,
  "Reims": 20,
  "Grenoble": 11,
  "Nice": 11,
  "Valenciennes": 8,
  "Montpellier": 8,
  "Lyon": 4
}
```

```
]
```

```
//Receta sushi
```

a) Numero de goles del equipo invitado por estadio

```
[
```

```
{
  "op": "reducers",
  "cont": [
    {
      "name": "operation",
      "path": "away_team.goals",
      "operator": "addition",
      "group": "venue"
    }
  ]
}
```

```
]
```

```
//Resultado
```

```
[
```

```
{
  "Paris": 6,
  "Rennes": 9,
  "Le Havre": 8,
  "Reims": 10,
  "Grenoble": 4,
  "Nice": 8,
  "Valenciennes": 6,
  "Montpellier": 7,
  "Lyon": 2
}
```

```
]
```

```
//  
//Promedio de temperatura por estadio  
//
```

```
//Receta sushi
```

a) Temperatura promedio por estadio en grados celsius

```
[  
  {  
    "op": "reducers",  
    "cont": [  
      {  
        "name": "average",  
        "path": "weather.temp_celsius",  
        "group": "venue"  
      }  
    ]  
  }  
]
```

```
//Resultado
```

```
[  
  {  
    "Paris": 21.857142857142858,  
    "Rennes": 20.714285714285715,  
    "Le Havre": 20,  
    "Reims": 21.333333333333332,  
    "Grenoble": 23.6,  
    "Nice": 25.333333333333332,  
    "Valenciennes": 23.333333333333332,  
    "Montpellier": 25.4,  
    "Lyon": 29  
  }  
]
```

```
//Receta sushi
```

a) Temperatura promedio por estadio en grados fahrenheit

```
[  
  {  
    "op": "reducers",  
    "cont": [  
      {  
        "name": "average",  
        "path": "weather.temp_fahrenheit",  
        "group": "venue"  
      }  
    ]  
  }  
]
```

```

    }
]

//Resultado

[
  {
    "Paris": 53.857142857142854,
    "Rennes": 52.714285714285715,
    "Le Havre": 52,
    "Reims": 53.333333333333336,
    "Grenoble": 55.6,
    "Nice": 57.333333333333336,
    "Valenciennes": 55.333333333333336,
    "Montpellier": 57.4,
    "Lyon": 61
  }
]

```

```

//
//Numero de tarjetas amarilla por jugador
//

```

```

//Receta sushi

```

a) Sacar valores anidados del home_team_events y away_team_events

```

[
  {
    "op": "overturn",
    "cont": {
      "pivot": "home_team_events",
      "dest": "events"
    }
  }
],

[
  {
    "op": "overturn",
    "cont": {
      "pivot": "away_team_events",
      "dest": "events"
    }
  }
]

```

b) Obtener los eventos que sean de tipo yellow-card

```

[

```



```
{
  "op": "filters",
  "cont": {
    "name": "match",
    "path": "type_of_event",
    "match": "yellow-card"
  }
}
]
```

c) Obtener la cantidad de tarjetas amarillas por jugador

```
[
  {
    "op": "reducers",
    "cont": {
      "name": "count",
      "path": "type_of_event",
      "group": "player"
    }
  }
]
```

//Resultado

```
[
  {
    "Lena OBERDORF": 1,
    "Marta CORREDERA": 1,
    "FORMIGA": 3,
    "DAIANE": 1,
    "Lisa DE VANNA": 1,
    "Carla GUERRERO": 1,
    "Yessenia LOPEZ": 1,
    "Rita CHIKWELU": 3,
    "Verena SCHWEERS": 1,
    "Eugenie LE SOMMER": 1,
    "Noko MATLOU": 1,
    "Aya SAMESHIMA": 1,
    "Sydney SCHNEIDER": 1,
    "Khadija SHAW": 1,
    "Jade MOORE": 2,
    "Lindsey HORAN": 2,
    "Allie LONG": 1,
    "LI Wen": 1,
    "Lebohang RAMALEPE": 1,
    "Nothando VILAKAZI": 3,
    "Rhoda MULAUDZI": 1,
    "Ngozi EBERE": 1,
    "Chiamaka NNADOZIE": 1,
    "CHO Sohyun": 1,
    "YEO Minji": 1,
  }
]
```

"Elisa BARTOLI": 1,
"Konya PLUMMER": 2,
"Erin CUTHBERT": 1,
"Caroline WEIR": 1,
"Lee ALEXANDER": 2,
"Alexandra TAKOUNDA": 2,
"Anouk DEKKER": 1,
"Jill ROORD": 1,
"Pitsamai SORNSAI": 1,
"Waraporn BOONSING": 1,
"Sofia JAKOBSSON": 1,
"Giulia GWINN": 1,
"Alexandra POPP": 1,
"Svenja HUTH": 1,
"Kristine MINDE": 1,
"Lisa-Marie UTLAND": 1,
"Vilde Boe RISA": 1,
"Wendie RENARD": 1,
"Irene PAREDES": 1,
"Fridolina ROLFO": 2,
"Kosovare ASLLANI": 1,
"Maria THORISDOTTIR": 1,
"Griedge MBOCK BATHY": 1,
"Elise BUSSAGLIA": 1,
"Elena LINARI": 1,
"Alia GUAGNI": 1,
"Valentina CERNOIA": 2,
"Daniela SABATINO": 1,
"Millie BRIGHT": 1,
"Nikita PARRIS": 1,
"Sherida SPITSE": 2,
"Danielle VAN DE DONK": 1,
"Abby DAHLKEMPER": 1,
"WANG Shanshan": 1,
"YANG Li": 1,
"LIU Shanshan": 1,
"WANG Shuang": 1,
"Janine VAN WYK": 2,
"Kholosa BIYANA": 1,
"Desire OPARANOZIE": 2,
"Francisca ORDEGA": 1,
"Jenny BEATTIE": 1,
"Nicola DOCHERTY": 1,
"Sara GAMA": 1,
"Cristiana GIRELLI": 1,
"Risa SHIMIZU": 1,
"Hina SUGITA": 1,
"Mana IWABUCHI": 1,
"Marlyse NGO NDOUMBOUK": 1,
"Gaelle ENGANAMOUIT": 1,
"Magdalena ERIKSSON": 1,
"Taneekarn DANGDA": 2,

```

    "JI Soyun": 1,
    "HWANG Boram": 1,
    "Ingrid Syrstad ENGEN": 1,
    "ANDRESSA": 1,
    "LUANA": 1,
    "Rachel CORSIE": 1,
    "Aldana COMETTI": 1,
    "Agustina BARROSO": 1,
    "Christine MANIE": 1,
    "Genevieve NGO MBELECK": 1,
    "Raissa FEUDJIO": 1,
    "Natthakarn CHINWONG": 1,
    "Francisca LARA": 1,
    "Yessenia HUENTEO": 1,
    "Su Helen GALAZ": 1,
    "Carolin SIMON": 1,
    "Lina MAGULL": 1,
    "Valerie GAUVIN": 1,
    "LETICIA SANTOS": 1,
    "KATHELLEN": 2,
    "Emily VAN EGMOND": 1,
    "Mariana LARROQUETTE": 1,
    "Anna GREEN": 1,
    "Kadeisha BUCHANAN": 2,
    "Rebecca QUINN": 1,
    "Kelley O HARA": 1,
    "Evelyn NWABUOKU": 1,
    "Rasheedat AJIBADE": 1,
    "Yvonne LEUKO": 1,
    "TAMIRES": 1,
    "BEATRIZ": 2,
    "Megan RAPINOE": 1,
    "Saki KUMAGAI": 1,
    "Becky SAUERBRUNN": 1,
    "Julia ZIGIOTTI": 1,
    "Hedvig LINDAHL": 1,
    "Stefanie VAN DER GRAGT": 1
  }
]

//
//Numero de tarjetas amarillas por arbitro
//

//Receta sushi

a) Sacar valores anidados del home_team_events y away_team_events

[
{
  "op": "overturn",
  "cont": {

```

```

        "pivot": "home_team_events",
        "dest": "events"
    }
}
],

[
{
    "op": "overturn",
    "cont": {
        "pivot": "away_team_events",
        "dest": "events"
    }
}
]

```

b) Obtener los eventos que sean de tipo yellow-card

```

[
{
    "op": "filters",
    "cont": {
        "name": "match",
        "path": "type_of_event",
        "match": "yellow-card"
    }
}
]

```

c) Obtener el numero de tarjetas amarilla por arbitro/id_partido

```

[
{
    "op": "reducers",
    "cont": {
        "name": "count",
        "path": "type_of_event",
        "group": "events.fifa_id"
    }
}
]

```

//Resultado

```

[
{
    "300438212": 3,
    "300438213": 2,
    "300438214": 2,
    "300438215": 6,
    "300438216": 5,
    "300438217": 3,

```

"300438218": 2,
"300438219": 3,
"300438220": 2,
"300438221": 5,
"300438222": 3,
"300438223": 3,
"300438224": 3,
"300438225": 3,
"300438226": 1,
"300438227": 4,
"300438229": 5,
"300438230": 2,
"300438231": 1,
"300438232": 2,
"300438234": 6,
"300438235": 4,
"300438236": 3,
"300438239": 2,
"300438240": 3,
"300438241": 5,
"300438242": 2,
"300438243": 1,
"300438244": 2,
"300438245": 2,
"300438246": 2,
"300438247": 3,
"300438248": 3,
"300438249": 2,
"300438250": 1,
"300438251": 2,
"300438252": 1,
"300438253": 6,
"300438254": 4,
"300438255": 5,
"300438256": 4,
"300438257": 2,
"300438259": 3,
"300438260": 2,
"300438261": 2,
"300438262": 1,
"300438263": 1

}

]