Avance #4

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Se han implementado dos formas para cargar la base de datos, las cuales son:

Implementación y carga de la base de datos

En este apartado se construyo una función la cual nos permite manipular la base de datos directamente mediante sentencias sql

```scala
def generateData2MovieDoobie(data: List[Map[String, String]]) =
  val stadiumTuple = data
    .map(
      row => (row("matches_stadium_id").trim,
        defaultValue(row("stadiums_stadium_name")),
        defaultValue(row("stadiums_city_name")),
        defaultValue(row("stadiums_country_name")),
        row("stadiums_stadium_capacity").toInt
    )
    .map(t7 => sql"INSERT INTO MOVIE(matches_stadium_id, stadiums_stadium_name, stadiums_city_name, stadiums_country_name, stadiums_sta
```

```scala
_name, stadiums_stadium_capacity) VALUES(${t7._1}, ${t7._2}, ${t7._3}, ${t7._4}, ${t7._5})".update)
```

Generación de script para carga de datos en un motor de BD específico.

En este apartado, en cambio se construyó una función la cual nos genera sentencias sql para implementarlas dentro del motor de Base de Datos (MySQL Worckbench)

```scala
    def generateData2(data: List[Map[String, String]]) =

      val sqlInsert = s"INSERT INTO Stadiums( matches_stadium_id, stadiums_stadium_name, stadiums_city_name, " +
        s"stadiums_country_name, stadiums_stadium_capacity) " +
        s"VALUES('%s', %s, %s, %s, '%d');"
      val stadiumTuple = data
        .map(
          row => (row("matches_stadium_id").trim,
            defaultValue(row("stadiums_stadium_name")),
            defaultValue(row("stadiums_city_name")),
            defaultValue(row("stadiums_country_name Score")),
            row("PG stadiums_stadium_capacity").toInt
          )
        )
        .map(t7 => sqlInsert.formatLocal(java.util.Locale.US, t7._1, t7._2, t7._3, t7._4, t7._5))


      println(stadiumTuple.take(2))
```

```
25    (1,'P-00020','WC-2007','T-12',11,'defender','Hermus','Randee','1979-11-14',1,0,1,0,0),
26    (2,'P-00020','WC-2003','T-12',11,'defender','Hermus','Randee','1979-11-14',1,0,1,0,0),
27    (3,'P-00034','WC-1998','T-73',11,'forward','Alfonso','not applicable','1972-09-26',0,0,0,0,1),
28    (4,'P-00036','WC-1974','T-48',19,'defender','Strik','Pleun','1944-05-27',0,0,1,0,0),
29    (5,'P-00042','WC-1954','T-87',18,'forward','Milutinović','Miloš','1933-02-05',0,0,0,0,1),
30    (6,'P-00042','WC-1958','T-87',7,'forward','Milutinović','Miloš','1933-02-05',0,0,0,0,1),
31    (7,'P-00052','WC-2022','T-59',2,'defender','Ró-Ró','not applicable','1990-08-06',0,0,1,0,0),
32    (8,'P-00064','WC-2015','T-30',12,'midfielder','Thomis','Élodie','1986-08-13',1,0,0,1,1),
33    (9,'P-00064','WC-2011','T-30',12,'forward','Thomis','Élodie','1986-08-13',1,0,0,1,1),
34    (10,'P-00065','WC-2002','T-03',10,'midfielder','Ortega','Ariel','1974-03-04',0,0,0,1,0),
35    (11,'P-00065','WC-1994','T-03',17,'midfielder','Ortega','Ariel','1974-03-04',0,0,0,1,0),
36    (12,'P-00065','WC-1998','T-03',10,'midfielder','Ortega','Ariel','1974-03-04',0,0,0,1,0),
37    (13,'P-00077','WC-2006','T-77',19,'defender','Assemoassa','Ludovic','1980-09-18',0,0,1,0,0),
38    (14,'P-00081','WC-1990','T-28',21,'forward','Bull','Steve','1965-03-28',0,0,0,0,1),
39    (15,'P-00083','WC-2015','T-46',3,'defender','Murillo','Christina','1993-01-28',1,0,1,0,0),
40    (16,'P-00086','WC-1970','T-27',2,'defender','Rivas','Roberto','1941-07-17',0,0,1,0,0),
41    (17,'P-00105','WC-2002','T-60',8,'midfielder','Holland','Matt','1974-04-11',0,0,0,1,0),
42    (18,'P-00109','WC-1998','T-06',8,'forward','Oliveira','Luís','1969-03-24',0,0,0,0,1),
43    (19,'P-00111','WC-2018','T-38',7,'midfielder','Shojaei','Masoud','1984-06-09',0,0,0,1,0),
44    (20,'P-00111','WC-2014','T-38',7,'midfielder','Shojaei','Masoud','1984-06-09',0,0,0,1,0),
```