**Learning Activity 4-10**

**Is about:**

* Perform SELECT queries to perform grouping and obtain summary query results on grouping functions. The **ligatercera** database will be used .

**Goals:**

* Edit and execute SELECT statements on table joins.
* Get the results of grouping functions on all rows returned in a query.
* Get the results of grouping functions on all rows grouped by one or more columns.
* Correctly use the GROUP BY clause.

**Exercises**

Since the main objectives of this activity focus on using grouping functions and grouping results, in statements that could be solved using DISTINCT or LIMIT, you will not be able to use those clauses.

1.- Obtain all the locations where there are teams in the league.

A screenshot of a computer program

Description automatically generated

2.- Obtain how many matches have been played, that is, how many matches have a result.

3.- Obtain in the goals table how many goals have been scored in total and how many have been scored by own goal. Make two queries, one for each case.

4.- Obtain the aliases and team names of the players who have scored goals. Players should not go out again.

5.- Find how many midfielders the team called **SD Textil Escudo has.**

6.- Obtain how many total goals have been scored in each match on matchday 1 and the names of the teams that played them.

7.a.- Obtain how many total goals were scored on matchday number 2.

7.b.- Find how many total goals have been scored in each matchday. In each row the matchday number and the total number of goals must appear.

8.a.- Obtain the youngest player, among those who have a registered date of birth, from the team named **SD Laredo** . The first and last name, alias, position and date of birth must appear.

8.b.- Obtain the youngest player, among those with a registered date of birth, for each team. The name of the team, and the first and last name, alias, position and date of birth of the youngest player must appear.

9.- Obtain the name and surname of the youngest player in the league and the team he belongs to.

10.- Obtain in how many games the goal difference between one team and the other was greater than two goals.