**Learning Activity 4-11**

**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.
* Set conditions on grouping functions
* Perform join operations between two queries

**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 the names of the teams that have less than 11 registered players.

2.- Obtain the names of the teams that have 2 goalkeepers registered.

3.- Obtain, from the goals table, how many goals have been scored in each matchday.

4.- Obtain, from the goals table, the days in which more than 25 goals have been scored.

5.- Obtain, from the match table, how many goals each team has scored playing at home. The team name must appear along with the total goals only if the total goals is greater than 4.

6.a.- Obtain the names of the teams against which SD Barreda has played at home. Data from unplayed matches should not be output (golesloc to null).

6.b.- Obtain the names of the teams against which SD Barreda has played as a visitor. Data from unplayed matches should not be output.

7.a.- Obtain the names of the teams that SD Barreda has played against. To do it you must use the instructions in exercises 6.a and 6.b.

7.b.- Obtain the names of the teams against which SD Barreda has played, the matchday number, the goals they scored, those they received and whether they played at home or away. The result must be ordered by day number.

8.- Obtain the total number of goals that Club Deportivo Cayón has scored playing at home and the total number of goals it has scored playing as a visitor.

9.- Obtain the total number of goals that each team has scored playing at home and the total number of goals that each team has scored playing as a visitor. The result must be ordered alphabetically by computer name.

10.- Find how many players from each team have not scored goals. Remember that one way to obtain the players who have not scored goals is to perform a LEFT JOIN between the PLAYERS table and the GOALS table.