

SQL Exercise: Filtering Using Scalar Subqueries

Question: Calculate triple the average home + away goals scored across all matches played in the 2013/2014 season. The resulting scalar value will be used as a subquery in the next step. Note that this column does not have an alias, so it will be named `?column?` in your results.

Correct Answer:

SQL Query:

-- Select the average of home + away goals, multiplied by 3

```
SELECT 3 * AVG(home_goal + away_goal)
```

```
FROM matches_2013_2014;
```

Explanation:

- `AVG(home_goal + away_goal)` calculates the average total goals (sum of home and away goals) scored across all matches.
- The result is multiplied by 3 to get the scalar value as requested.
- The query does not use an alias for the result column, so it will default to `?column?` in the output.