CASE 1

SELECT*

FROM Player p

JOIN PlayerStatistics ps ON p.PlayerID = ps.PlayerID

WHERE p.Nationality = 'Spain'

AND EXTRACT(YEAR FROM SYSDATE) - EXTRACT(YEAR FROM p.DateOfBirth) < 25

AND ps.RedCards = 0

AND p.Position = 'Forward'

AND ps.GoalsScored > 5

AND ps.Assists > 5;

Look for a player who is 25 years old or younger; has 0 red cards; plays as a forwards; has more than 5 goals and more than 5 assists.

CASE 2

SELECT*

FROM Match m

JOIN MatchStatistics ms ON m.MatchID = ms.MatchID

JOIN Team t ON m. HomeTeamID = t. TeamID

WHERE t.TeamName = 'Manchester City'

AND ms.HomePossession < 50

AND m.Stadium = 'Etihad Stadium'

AND ms.AwayGoalsScored > ms.HomeGoalsScored;

analyzes for the performances of Manchester city when playing at their home. Checks whether they have more than 50% possession. Also checks whether they have been scored more times when away teams play against them.

CASE 3

SELECT*

FROM Team t

WHERE t.StadiumCapacity > 100000

AND t.Country = 'Spain'

AND EXTRACT(YEAR FROM SYSDATE) - EXTRACT(YEAR FROM t.FoundedYear) > 100;

Looks for a stadium in Spain with a capacity of 100.000 seats or more. This stadium has to be part of a team with more than 100 years of history.

CASE 4

SELECT p.*

FROM Player p

JOIN PlayerStatistics ps ON p.PlayerID = ps.PlayerID

WHERE EXTRACT(YEAR FROM SYSDATE) - EXTRACT(YEAR FROM p.DateOfBirth) >= 30

AND p.MarketValue < 30 AND ps.Assists > 100 AND p.Position = 'Midfielder';

Looks for a veteran player, 30 years or older; who's market value is less than 30M and is a midfielder who has given more than 100 assists.