

Premier League Data Analysis Dashboard

DAX & Measures

1. M Avg Goal Per Match = `DIVIDE('All Measures'[M TotalGoal], 'All Measures'[M TotalMatches])`
2. M AwayStrongTeam = `CALCULATE(COUNTA('All Data'[AwayTeam]), 'All Data'[Full Time Result]="A", USERRELATIONSHIP('All Data'[AwayTeam], 'All Teams'[Teams]))`
3. M HighestGoalScoringTeam = `CALCULATE(SELECTEDVALUE('All Data'[FT Win Team]), 'All Data'[Date], TOPN(1, 'All Data', 'All Measures'[M TotalGoal], DESC))`
4. M HomeStrongTeam = `CALCULATE(COUNTA('All Data'[HomeTeam]), 'All Data'[Full Time Result]="H", USERRELATIONSHIP('All Data'[HomeTeam], 'All Teams'[Teams]))`
5. M Total Win = `[M AwayStrongTeam]+[M HomeStrongTeam]`
6. M TotalCorners =
`var HomeShots = CALCULATE(SUM('All Data'[Home Team Corners]), USERRELATIONSHIP('All Data'[HomeTeam], 'All Teams'[Teams]))`
`RETURN`
`IF(ISFILTERED('All Teams'[Teams]), HomeShots+SUM('All Data'[Away Team Corners]), HomeShots+SUM('All Data'[Away Team Corners]))`
7. M TotalFouls =
`VAR HomeFouls = CALCULATE(SUM('All Data'[Home Team Fouls Committed]), USERRELATIONSHIP('All Teams'[Teams], 'All Data'[HomeTeam]))`
`RETURN`
`IF(ISFILTERED('All Teams'[Teams]), HomeFouls+SUM('All Data'[Away Team Fouls Committed]), HomeFouls+SUM('All Data'[Away Team Fouls Committed]))`
8. M TotalGoal =
`var TotalHomeGoal = CALCULATE(SUM('All Data'[Full Time Home Goal]), USERRELATIONSHIP('All Data'[HomeTeam], 'All Teams'[Teams]))`
`RETURN`
`IF(ISFILTERED('All Teams'[Teams]), TotalHomeGoal+SUM('All Data'[Full Time Away Goal]), TotalHomeGoal+SUM('All Data'[Full Time Away Goal]))`
9. M TotalMatches =
`var FirstTotalMatches = CALCULATE(COUNTA('All Data'[HomeTeam]), USERRELATIONSHIP('All Data'[HomeTeam], 'All Teams'[Teams]))`
`RETURN`

```
IF(ISFILTERED('All Teams'[Teams]), FirstTotalMatches + COUNTA('All Data'[AwayTeam]),  
FirstTotalMatches)
```

10. M TotalRedCard =

```
VAR TotalHomeRed = CALCULATE(SUM('All Data'[Home Team Red Cards]),  
USERRELATIONSHIP('All Data'[HomeTeam], 'All Teams'[Teams]))  
RETURN  
IF(ISFILTERED('All Teams'[Teams]), TotalHomeRed+SUM('All Data'[Away Team Red Cards]),  
TotalHomeRed+SUM('All Data'[Away Team Red Cards]))
```

11. M TotalShots =

```
var HomeShots = CALCULATE(SUM('All Data'[Home Team Shots]), USERRELATIONSHIP('All  
Data'[HomeTeam], 'All Teams'[Teams]))  
RETURN  
IF(ISFILTERED('All Teams'[Teams]), HomeShots+SUM('All Data'[Away Team Shots]),  
HomeShots+SUM('All Data'[Away Team Shots]))
```

12. M TotalShotsOnTarget =

```
var HomeShots = CALCULATE(SUM('All Data'[Home Team Shots on Target]),  
USERRELATIONSHIP('All Data'[HomeTeam], 'All Teams'[Teams]))  
RETURN  
IF(ISFILTERED('All Teams'[Teams]), HomeShots+SUM('All Data'[Away Team Shots on Target]),  
HomeShots+SUM('All Data'[Away Team Shots on Target]))
```

13. M TotalYellowCard =

```
VAR TotalHomeYellow = CALCULATE(SUM('All Data'[Home Team Yellow Cards]),  
USERRELATIONSHIP('All Data'[HomeTeam], 'All Teams'[Teams]))  
RETURN  
IF(ISFILTERED('All Teams'[Teams]), TotalHomeYellow+SUM('All Data'[Away Team Yellow  
Cards]), TotalHomeYellow+SUM('All Data'[Away Team Yellow Cards]))
```