Question - can any profitable strategies be found in the total goals markets?      

Create an app (eg Jupyter Notebook or R/Python or whatever) **or** produce output to aid discussion on betting strategies for the Total Goals Market.    ie To answer the question can any profitable strategies be found in the total goals markets?

Use data from [www.football-data.co.uk](https://eur01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.football-data.co.uk%2F&data=02%7C01%7Cvz237%40bath.ac.uk%7Ce290955f8a1445d32d9308d85a2807ce%7C377e3d224ea1422db0ad8fcc89406b9e%7C0%7C0%7C637358476169579089&sdata=8nwYgllM%2B80%2B0uAU2UvM7USZ12OcPpHGKSUB6kaYWyA%3D&reserved=0) to calculate a number of metrics across the leagues/divisions.

Build parameterised display grids. e.g. allow the selection of the division and the total goals market  
Total Goals  
    > 0.5  
    > 1.5  
    ….  
    > 8.5  
    Other asian handicaps total markets  
    etc.  
Games with > total goals  
Division  
Season    Games    Games with > 2.5 goals    Success Rate    Average Price        Profit/Loss    ROI  
Success Rate = Games with > total goals / Games  
Where available allow the selection of different odds to calculate Profit/Loss and  ROI  
Bet Size = 1 unit  
Profit on back = size \* price  
Loss = size  
ROI = Profit/Loss / Total Size

Allow multiple filters to be applied to the selection data  
1) Head-to-head form  
The total number of goals for previous fixtures between the 2 teams. e.g. If Liverpool vs Man City, look at all previous seasons where the home team was Liverpool and the away team was Man City.  
Allow a selection of a number of variants:  
1/1  
1/2  
2/2  
2/3  
3/3  
3/4  
4/4  
4/5  
5/5  
e.g. 2/3 would select all games where at least 2 of the previous 3 games finished with games > total goals  
Display the variants in the table.  
Division  
Season    H2H Variant    Games    Games with > 2.5 goals    Success Rate    Average Price        Profit/Loss    ROI

2) Final League position of previous season  
Only select the Top n teams from the previous season league position.

3) Rank on Total Goals  
Rank the teams positions on the total number of goals for and against at home and away. Only select the Top n TG teams.

4) Rank on Total Goals Home  
Rank the teams positions on the total number of goals for and against at home. Only select the Top n TGH teams

5) Rank on Total Goals Away  
Rank the teams positions on the total number of goals for and against at home. Only select the Top n TGA teams

6) Minimum odds  
Select on minimum odds available

7) Best Odds available  
Use the best odds available at the time.

8) Choice of Lay or Back  
Identify which combination of filters provide the best returns for each division.

Please send us any resulting code and output.