Dataset Report: English Premier League (EPL) Match Statistics

1. What is the dataset about?

The dataset contains structured information on English Premier League (EPL) matches, with details about match dates, stadiums, teams, scores, and in-depth statistics (possession, shots, passes, fouls, cards, etc.). The source of the data is Sky Sports.

2. How many rows and columns does it contain?

- Rows (records): 1140 (each row is one match; data is collected from 2021 to 2024).

- Columns (fields): 40 (covering metadata, scores, and match statistics).

3. Column names and their data types

(As interpreted by pandas)

Column	Data Type
date	object (string)
clock	object (string)
stadium	object (string)
class	object (string)
attendance	object (string, can be cleaned to int)
Home Team	int64
Goals Home	int64
Away Team	int64
Away Goals	int64
home_possessions	float64
away_possessions	float64
home_shots	int64
away_shots	int64
home_on	int64
away_on	int64
home_off	int64
away_off	int64
home_blocked	int64
away_blocked	int64

Column	Data Type
home_pass	float64
away_pass	float64
home_chances	int64
away_chances	int64
home_corners	int64
away_corners	int64
home_offside	int64
away_offside	int64
home_tackles	float64
away_tackles	float64
home_duels	float64
away_duels	float64
home_saves	int64
away_saves	int64
home_fouls	int64
away_fouls	int64
home_yellow	int64
away_yellow	int64
home_red	int64
away_red	int64
links	object (string)

4. The Screenshot

	date	clock	stadium	class	attendance	Home Team	Goals Home	Away Team	Away Goals	home_possessions	...	away_duels	home_saves	away_saves	home_fouls	away_fouls	home_yellow	away_yellow	home_red	away_red	links
0	28th May 2023	4:30pm	Emirates Stadium	h	60,095	2	5	13	0	51.0	...	52.2	0	3	8	11	0	0	0	0	https://www.skysports.com/football/arsenal-vs-...
1	28th May 2023	4:30pm	Villa Park	h	42,212	7	2	6	1	40.3	...	47.8	3	3	15	16	4	4	0	0	https://www.skysports.com/football/aston-villa...
2	28th May 2023	4:30pm	Gtech Community Stadium	h	17,120	9	1	1	0	34.4	...	50.0	2	3	12	8	4	0	0	0	https://www.skysports.com/football/brentford-v...
3	28th May 2023	4:30pm	Stamford Bridge	d	40,130	12	1	4	1	64.4	...	45.5	3	5	9	11	0	0	0	0	https://www.skysports.com/football/chelsea-vs-...
4	28th May 2023	4:30pm	Selhurst Park	d	25,198	11	1	16	1	66.0	...	41.7	3	2	9	13	0	2	0	0	https://www.skysports.com/football/crystal-pal...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1135	13/09/2020	2:00pm	The Hawthorns	a	0	24	0	18	3	35.8	...	36.0	4	1	12	9	1	1	0	0	https://www.skysports.com/football/west-bromwi...
1136	12/9/2020	8:00pm	London Stadium	a	0	14	0	4	2	58.3	...	59.5	0	3	13	7	2	2	0	0	https://www.skysports.com/football/west-ham-un...
1137	12/9/2020	5:30pm	Anfield	h	0	5	4	19	3	48.8	...	46.2	0	3	9	6	1	0	0	0	https://www.skysports.com/football/liverpool-v...
1138	12/9/2020	3:00pm	Selhurst Park	h	0	11	1	20	0	29.4	...	50.0	5	2	14	11	2	1	0	0	https://www.skysports.com/football/crystal-pal...
1139	12/9/2020	12:30pm	Craven Cottage	a	0	10	0	2	3	45.6	...	46.7	2	2	12	12	2	2	0	0	https://www.skysports.com/football/fulham-vs-a...

1140 rows × 40 columns