Premier League 2020-21

PL 2020-21

SELECT * FROM teams

	id	team_short_name	name
1	1	ARS	Arsenal
2	2	AST	Aston Villa
3	3	BHA	Brighton & Hove Albion
4	4	BUR	Burnley
5	5	CHE	Chelsea
6	6	CRY	Crystal Palace
7	7	EVE	Everton
8	8	FUL	Fulham
9	9	LEE	Leeds United
10	10	LEI	Leicester City
11	11	LIV	Liverpool
12	12	MCI	Manchester City
13	13	MUN	Manchester United
14	14	NEW	Newcastle United
15	15	SHU	Sheffield United
16	16	SOU	Southampton
17	17	TOT	Tottenham Hotspur
18	18	WBA	West Bromwich Albion
19	19	WHU	West Ham United
20	20	WOL	Wolverhampton Wanderers

SELECT * FROM gameweek (38 records)

id	name	start_date	end_date
1	Gameweek 1	2020-09-12	2020-09-14
2	Gameweek 2	2020-09-19	2020-09-21
3	Gameweek 3	2020-09-26	2020-09-28
4	Gameweek 4	2020-10-03	2020-10-04
5	Gameweek 5	2020-10-17	2020-10-19
6	Gameweek 6	2020-10-23	2020-10-26
7	Gameweek 7	2020-10-30	2020-11-02
8	Gameweek 8	2020-11-06	2020-11-08
9	Gameweek 9	2020-11-21	2020-11-23
10	Gameweek 10	2020-11-27	2020-11-30
11	Gameweek 11	2020-12-05	2020-12-07
12	Gameweek 12	2020-12-12	2020-12-14
13	Gameweek 13	2020-12-15	2020-12-17
14	Gameweek 14	2020-12-19	2020-12-21
15	Gameweek 15	2020-12-26	2020-12-27
16	Gameweek 16	2020-12-28	2020-12-30
17	Gameweek 17	2021-01-01	2021-01-04
18	Gameweek 18	2021-01-21	2021-01-14
19	Gameweek 19	2021-01-16	2021-01-21
21	Gameweek 20	2021-01-26	2021-01-28
22	Gameweek 21	2021-01-30	2021-01-31
23	Gameweek 22	2021-02-02	2021-02-04
24	Gameweek 23	2021-02-06	2021-02-08
26	Gameweek 24	2021-02-13	2021-02-17

SELECT * FROM players (615 records)

	id	name	position_id	team_id
1	2101	Bernd Leno	1	1
2	2102	Hector Bellerin	2	1
3	2103	Kieran Tierney	2	1
4	2104	William Saliba	2	1
5	2105	Sokratis Papastathopoulos	2	1
6	2106	Gabriel	2	1
7	2107	Bukayo Saka	3	1
8	2108	Dani Ceballos	3	1
9	2109	Alexandre Lacazette	4	1
10	2110	Mesut Ozil	3	1
11	2111	Martin Ødegaard	3	1
12	2112	Willian	3	1
13	2113	Runar Alex Runarsson	1	1
14	2114	Pierre-Emerick Aubameyang	4	1
15	2115	Ainsley Maitland-Niles	3	1
16	2116	Rob Holding	2	1
17	2117	Cédric Soares	2	1
18	2118	Thomas Partey	3	1
19	2119	Nicolas Pepe	4	1
20	2120	Shkodran Mustafi	2	1
21	2121	Calum Chambers	2	1
22	2122	Pablo Marí	2	1
23	2123	David Luiz	2	1
24	2124	Reiss Nelson	4	1

SELECT * FROM match (247 records)

	id	date	time	gameweek_id	venue_id	hometeam_id	awayteam_id
1	1001	2020-09-12	12:30:00.0000000	1	8	8	1
2	1002	2020-09-12	15:00:00.0000000	1	6	6	16
3	1003	2020-09-12	17:30:00.0000000	1	11	11	9
4	1004	2020-09-12	20:00:00.0000000	1	19	19	14
5	1005	2020-09-13	14:00:00.0000000	1	18	18	10
6	1006	2020-09-13	16:30:00.0000000	1	17	17	7
7	1007	2020-09-14	18:00:00.0000000	1	15	15	20
8	1008	2020-09-14	20:15:00.0000000	1	3	3	5
9	1009	2020-09-19	12:30:00.0000000	2	7	7	18
10	1010	2020-09-19	15:00:00.0000000	2	9	9	8
11	1011	2020-09-19	17:30:00.0000000	2	13	13	6
12	1012	2020-09-19	20:00:00.0000000	2	1	1	19
13	1013	2020-09-20	12:00:00.0000000	2	16	16	17
14	1014	2020-09-20	14:00:00.0000000	2	14	14	3
15	1015	2020-09-20	16:30:00.0000000	2	5	5	11
16	1016	2020-09-20	19:00:00.0000000	2	10	10	4
17	1017	2020-09-20	18:00:00.0000000	2	2	2	15
18	1018	2020-09-21	20:15:00.0000000	2	20	20	12
19	1019	2020-09-26	12:30:00.0000000	3	3	3	13
20	1020	2020-09-26	15:00:00.0000000	3	6	6	7
21	1021	2020-09-26	17:30:00.0000000	3	18	18	5
22	1022	2020-09-26	20:00:00.0000000	3	4	4	16
23	1023	2020-09-27	12:00:00.0000000	3	15	15	9
24	1024	2020-09-27	14:00:00.0000000	3	17	17	14

SELECT * FROM scores (247 records)

	match_id	gameweek_id	venue_id	hometeam_id	awayteam_id	hometeam_goal	awayteam_goal
1	1001	1	8	8	1	0	3
2	1002	1	6	6	16	1	0
3	1003	1	11	11	9	4	3
4	1004	1	19	19	14	0	2
5	1005	1	18	18	10	0	3
6	1006	1	17	17	7	0	1
7	1007	1	15	15	20	0	2
8	1008	1	3	3	5	1	3
9	1009	2	7	7	18	5	2
10	1010	2	9	9	8	4	3
11	1011	2	13	13	6	1	3
12	1012	2	1	1	19	2	1
13	1013	2	16	16	17	2	5
14	1014	2	14	14	3	0	3
15	1015	2	5	5	11	0	2
16	1016	2	10	10	4	4	2
17	1017	2	2	2	15	1	0
18	1018	2	20	20	12	1	3
19	1019	3	3	3	13	2	3
20	1020	3	6	6	7	1	2
21	1021	3	18	18	5	3	3
22	1022	3	4	4	16	0	1
23	1023	3	15	15	9	0	1
24	1024	3	17	17	14	1	1

SELECT * FROM goals (639 records)

	id	match_id	player_id	team_id	goal_time	goal_half	assist_id
1	1	1001	2109	1	8	1	NULL
2	2	1001	2106	1	49	2	2112
3	3	1001	2114	1	57	2	2112
4	4	1002	2611	6	13	1	2610
5	5	1003	3111	11	4	1	NULL
6	6	1003	2922	9	12	1	2923
7	7	1003	3104	11	20	1	3126
8	8	1003	2909	9	30	1	NULL
9	9	1003	3111	11	33	1	NULL
10	10	1003	2943	9	66	2	2917
11	11	1003	3111	11	88	2	NULL
12	12	1004	3413	14	56	2	3416
13	13	1004	3416	14	87	2	3424
14	14	1005	3027	10	56	2	3026
15	15	1005	3009	10	74	2	NULL
16	16	1005	3009	10	84	2	NULL
17	17	1006	2709	7	55	2	2712
18	18	1007	4009	20	3	1	4010
19	19	1007	4027	20	6	1	4007
20	20	1008	2505	5	23	1	NULL
21	21	1008	2311	3	54	2	2302
22	22	1008	2524	5	56	2	2505
23	23	1008	2515	5	66	2	2524
24	24	1009	3811	18	10	1	3812

SELECT * FROM cards (734 records)

	id	match_id	player_id	team_id	card_id	card_time
1	1	1001	2803	8	1	26
2	2	1001	2114	1	1	39
3	3	1001	2102	1	1	55
4	4	1001	2810	8	1	61
5	5	1002	2615	6	1	41
6	6	1002	3602	16	1	51
7	7	1002	2622	6	1	58
8	8	1003	3109	11	1	76
9	9	1004	3414	14	1	13
10	10	1004	3924	19	1	54
11	11	1004	3419	14	1	68
12	12	1004	3907	19	1	70
13	13	1005	3002	10	1	16
14	14	1005	3806	18	1	63
15	15	1006	3705	17	1	85
16	16	1007	3512	15	1	33
17	17	1007	3509	15	1	39
18	18	1007	4005	20	1	90
19	19	1008	2302	3	1	81
20	20	1009	2716	7	1	16
21	21	1009	3803	18	2	45
22	22	1010	2943	9	1	82
23	23	1010	2809	8	1	88
24	24	1010	2802	8	1	90

Query executed successfully.   PETER-LT (13.0 RTM)

SELECT * FROM colour

109 %

Results   Messages

	id	card
1	1	Yellow
2	2	Red

SELECT * FROM venues

109 %

Results   Messages

	id	name	city	capacity
1	1	Emirates Stadium	London	60704
2	2	Villa Park	Birmingham	42785
3	3	Amex Stadium	Brighton	30750
4	4	Turf Moor	Burnley	21944
5	5	Stamford Bridge	London	40834
6	6	Selhurst Park	London	25486
7	7	Goodison Park	Liverpool	39414
8	8	Craven Cottage	London	19000
9	9	Elland Road	Leeds	37890
10	10	King Power Stadium	Leicester	32243
11	11	Anfield	Liverpool	53394
12	12	Etihad Stadium	Manchester	55097
13	13	Old Trafford	Manchester	74879
14	14	St James' Park	Newcastle upon Tyne	52388
15	15	Bramall Lane	Sheffield	32125
16	16	St Mary's Stadium	Southampton	32505
17	17	Tottenham Hotspur Stadium	London	62303
18	18	The Hawthorns	West Bromwich	26850
19	19	London Stadium	London	60000
20	20	Molineux	Wolverhampton	32050

SELECT * FROM positions

Results | Messages
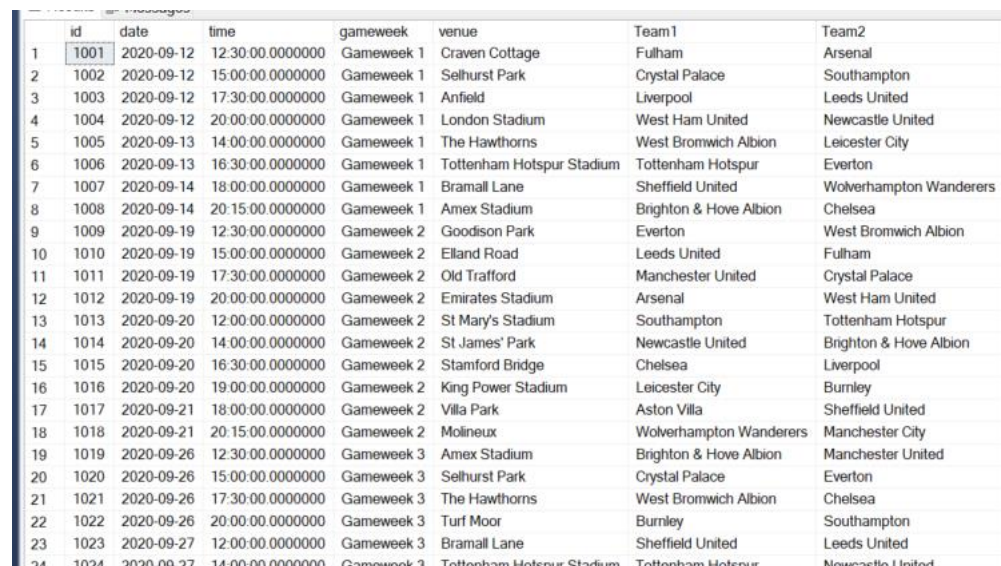
	id	name
1	1	Goalkeeper
2	2	Defender
3	3	Midfielder
4	4	Striker

Create

Matchlist

SELECT m.id, date, time, g.name AS gameweek, v.name AS venue, t1.name AS Team1,
t2.name AS Team2
FROM match m
JOIN gameweek g
ON m.gameweek_id = g.id
JOIN venues v
ON m.venue_id = v.id
JOIN teams t1
ON m.hometeam_id = t1.id
JOIN teams t2
ON m.awayteam_id = t2.id
ORDER BY m.id (247 records)

	id	date	time	gameweek	venue	Team1	Team2
1	1001	2020-09-12	12:30:00.0000000	Gameweek 1	Craven Cottage	Fulham	Arsenal
2	1002	2020-09-12	15:00:00.0000000	Gameweek 1	Selhurst Park	Crystal Palace	Southampton
3	1003	2020-09-12	17:30:00.0000000	Gameweek 1	Anfield	Liverpool	Leeds United
4	1004	2020-09-12	20:00:00.0000000	Gameweek 1	London Stadium	West Ham United	Newcastle United
5	1005	2020-09-13	14:00:00.0000000	Gameweek 1	The Hawthorns	West Bromwich Albion	Leicester City
6	1006	2020-09-13	16:30:00.0000000	Gameweek 1	Tottenham Hotspur Stadium	Tottenham Hotspur	Everton
7	1007	2020-09-14	18:00:00.0000000	Gameweek 1	Bramall Lane	Sheffield United	Wolverhampton Wanderers
8	1008	2020-09-14	20:15:00.0000000	Gameweek 1	Amex Stadium	Brighton & Hove Albion	Chelsea
9	1009	2020-09-19	12:30:00.0000000	Gameweek 2	Goodison Park	Everton	West Bromwich Albion
10	1010	2020-09-19	15:00:00.0000000	Gameweek 2	Elland Road	Leeds United	Fulham
11	1011	2020-09-19	17:30:00.0000000	Gameweek 2	Old Trafford	Manchester United	Crystal Palace
12	1012	2020-09-19	20:00:00.0000000	Gameweek 2	Emirates Stadium	Arsenal	West Ham United
13	1013	2020-09-20	12:00:00.0000000	Gameweek 2	St Mary's Stadium	Southampton	Tottenham Hotspur
14	1014	2020-09-20	14:00:00.0000000	Gameweek 2	St James' Park	Newcastle United	Brighton & Hove Albion
15	1015	2020-09-20	16:30:00.0000000	Gameweek 2	Stamford Bridge	Chelsea	Liverpool
16	1016	2020-09-20	19:00:00.0000000	Gameweek 2	King Power Stadium	Leicester City	Burnley
17	1017	2020-09-21	18:00:00.0000000	Gameweek 2	Villa Park	Aston Villa	Sheffield United
18	1018	2020-09-21	20:15:00.0000000	Gameweek 2	Molineux	Wolverhampton Wanderers	Manchester City
19	1019	2020-09-26	12:30:00.0000000	Gameweek 3	Amex Stadium	Brighton & Hove Albion	Manchester United
20	1020	2020-09-26	15:00:00.0000000	Gameweek 3	Selhurst Park	Crystal Palace	Everton
21	1021	2020-09-26	17:30:00.0000000	Gameweek 3	The Hawthorns	West Bromwich Albion	Chelsea
22	1022	2020-09-26	20:00:00.0000000	Gameweek 3	Turf Moor	Burnley	Southampton
23	1023	2020-09-27	12:00:00.0000000	Gameweek 3	Bramall Lane	Sheffield United	Leeds United
24	1024	2020-09-27	14:00:00.0000000	Gameweek 3	Tottenham Hotspur Stadium	Tottenham Hotspur	Newcastle United

PL scores

```
SELECT s.match_id, date, time, g.name AS gameweek, v.name AS venue, t1.name AS
Team1, t2.name AS Team2, hometeam_goal, awayteam_goal
FROM scores s
JOIN match m
ON s.match_id = m.id
JOIN gameweek g
ON s.gameweek_id = g.id
JOIN venues v
ON s.venue_id = v.id
JOIN teams t1
ON s.hometeam_id = t1.id
JOIN teams t2
ON s.awayteam_id = t2.id
ORDER BY s.match_id
```

	match_id	date	time	gameweek	venue	Team1	Team2	hometeam_goal	awayteam_goal
1	1001	2020-09-12	12:30:00.0000000	Gameweek 1	Craven Cottage	Fulham	Arsenal	0	3
2	1002	2020-09-12	15:00:00.0000000	Gameweek 1	Selhurst Park	Crystal Palace	Southampton	1	0
3	1003	2020-09-12	17:30:00.0000000	Gameweek 1	Anfield	Liverpool	Leeds United	4	3
4	1004	2020-09-12	20:00:00.0000000	Gameweek 1	London Stadium	West Ham United	Newcastle United	0	2
5	1005	2020-09-13	14:00:00.0000000	Gameweek 1	The Hawthorns	West Bromwich Albion	Leicester City	0	3
6	1006	2020-09-13	16:30:00.0000000	Gameweek 1	Tottenham Hotspur Stadium	Tottenham Hotspur	Everton	0	1
7	1007	2020-09-14	18:00:00.0000000	Gameweek 1	Bramall Lane	Sheffield United	Wolverhampton Wanderers	0	2
8	1008	2020-09-14	20:15:00.0000000	Gameweek 1	Amex Stadium	Brighton & Hove Albion	Chelsea	1	3
9	1009	2020-09-19	12:30:00.0000000	Gameweek 2	Goodison Park	Everton	West Bromwich Albion	5	2
10	1010	2020-09-19	15:00:00.0000000	Gameweek 2	Elland Road	Leeds United	Fulham	4	3
11	1011	2020-09-19	17:30:00.0000000	Gameweek 2	Old Trafford	Manchester United	Crystal Palace	1	3
12	1012	2020-09-19	20:00:00.0000000	Gameweek 2	Emirates Stadium	Arsenal	West Ham United	2	1
13	1013	2020-09-20	12:00:00.0000000	Gameweek 2	St Mary's Stadium	Southampton	Tottenham Hotspur	2	5
14	1014	2020-09-20	14:00:00.0000000	Gameweek 2	St James' Park	Newcastle United	Brighton & Hove Albion	0	3
15	1015	2020-09-20	16:30:00.0000000	Gameweek 2	Stamford Bridge	Chelsea	Liverpool	0	2
16	1016	2020-09-20	19:00:00.0000000	Gameweek 2	King Power Stadium	Leicester City	Burnley	4	2
17	1017	2020-09-21	18:00:00.0000000	Gameweek 2	Villa Park	Aston Villa	Sheffield United	1	0
18	1018	2020-09-21	20:15:00.0000000	Gameweek 2	Molineux	Wolverhampton Wanderers	Manchester City	1	3
19	1019	2020-09-26	12:30:00.0000000	Gameweek 3	Amex Stadium	Brighton & Hove Albion	Manchester United	2	3
20	1020	2020-09-26	15:00:00.0000000	Gameweek 3	Selhurst Park	Crystal Palace	Everton	1	2
21	1021	2020-09-26	17:30:00.0000000	Gameweek 3	The Hawthorns	West Bromwich Albion	Chelsea	3	3
22	1022	2020-09-26	20:00:00.0000000	Gameweek 3	Turf Moor	Burnley	Southampton	0	1
23	1023	2020-09-27	12:00:00.0000000	Gameweek 3	Bramall Lane	Sheffield United	Leeds United	0	1
24	1024	2020-09-27	14:00:00.0000000	Gameweek 3	Tottenham Hotspur Stadium	Tottenham Hotspur	Newcastle United	1	1

WHERE FUNCTIONS

-- Scores from the first matchday
```
SELECT * FROM scores
WHERE gameweek_id = 1
```

	match_id	gameweek_id	venue_id	hometeam_id	awayteam_id	hometeam_goal	awayteam_goal
1	1001	1	8	8	1	0	3
2	1002	1	6	6	16	1	0
3	1003	1	11	11	9	4	3
4	1004	1	19	19	14	0	2
5	1005	1	18	18	10	0	3
6	1006	1	17	17	7	0	1
7	1007	1	15	15	20	0	2
8	1008	1	3	3	5	1	3

-- Scores from first 10 gameweeks
SELECT * FROM scores
WHERE gameweek_id BETWEEN 1 AND 10

	match_id	gameweek_id	venue_id	hometeam_id	awayteam_id	hometeam_goal	awayteam_goal
1	1001	1	8	8	1	0	3
2	1002	1	6	6	16	1	0
3	1003	1	11	11	9	4	3
4	1004	1	19	19	14	0	2
5	1005	1	18	18	10	0	3
6	1006	1	17	17	7	0	1
7	1007	1	15	15	20	0	2
8	1008	1	3	3	5	1	3
9	1009	2	7	7	18	5	2
10	1010	2	9	9	8	4	3
11	1011	2	13	13	6	1	3
12	1012	2	1	1	19	2	1
13	1013	2	16	16	17	2	5
14	1014	2	14	14	3	0	3
15	1015	2	5	5	11	0	2
16	1016	2	10	10	4	4	2
17	1017	2	2	2	15	1	0
18	1018	2	20	20	12	1	3
19	1019	3	3	3	13	2	3
20	1020	3	6	6	7	1	2
21	1021	3	18	18	5	3	3
22	1022	3	4	4	16	0	1
23	1023	3	15	15	9	0	1
24	1024	3	17	17	14	1	1

-- Scores that took place at Elland Road
SELECT * FROM scores
WHERE venue_id= 9

match_id	gameweek_id	venue_id	hometeam_id	awayteam_id	hometeam_goal	awayteam_goal
1010	2	9	9	8	4	3
1031	4	9	9	12	1	1
1048	5	9	9	20	0	1
1068	7	9	9	10	1	4
1085	9	9	9	1	0	0
1108	12	9	9	19	1	2
1121	13	9	9	14	5	2
1144	15	9	9	4	1	0
1172	19	9	9	3	0	1
1212	21	9	9	7	1	2
1225	22	9	9	6	2	0

--Matches that took place within the Christmas and New Year
SELECT * FROM match
WHERE gameweek_id = 15 OR gameweek_id = 16

	id	date	time	gameweek_id	venue_id	hometeam_id	awayteam_id
1	1138	2020-12-26	12:30:00.0000000	15	10	10	13
2	1139	2020-12-26	15:00:00.0000000	15	2	2	6
3	1140	2020-12-26	15:00:00.0000000	15	8	8	16
4	1141	2020-12-26	17:30:00.0000000	15	1	1	5
5	1142	2020-12-26	20:00:00.0000000	15	12	12	14
6	1143	2020-12-26	20:00:00.0000000	15	15	15	7
7	1144	2020-12-27	12:00:00.0000000	15	9	9	4
8	1145	2020-12-27	14:15:00.0000000	15	19	19	3
9	1146	2020-12-27	16:30:00.0000000	15	11	11	18
10	1147	2020-12-27	19:15:00.0000000	15	20	20	17
11	1148	2020-12-28	15:00:00.0000000	16	6	6	10
12	1149	2020-12-28	17:30:00.0000000	16	5	5	2
13	1150	2020-12-29	18:00:00.0000000	16	3	3	1
14	1151	2020-12-29	18:00:00.0000000	16	4	4	15
15	1152	2020-12-29	18:00:00.0000000	16	16	16	19
16	1153	2020-12-29	18:00:00.0000000	16	18	18	9
17	1154	2020-12-29	20:00:00.0000000	16	13	13	20
18	1155	2020-12-30	20:00:00.0000000	16	14	14	11

--Goals and Assists from Leicester City
SELECT * FROM goals
WHERE team_id = 10

	id	match_id	player_id	team_id	goal_time	goal_half	assist_id
1	14	1005	3027	10	56	2	3026
2	15	1005	3009	10	74	2	NULL
3	16	1005	3009	10	84	2	NULL
4	58	1016	3015	10	20	1	3027
5	59	1016	NULL	10	50	2	NULL
6	60	1016	3002	10	61	2	NULL
7	62	1016	3026	10	79	2	3015
8	87	1025	3009	10	37	1	NULL
9	88	1025	3009	10	54	2	3027
10	89	1025	3009	10	58	2	NULL
11	90	1025	3010	10	77	2	3024
12	92	1025	3008	10	88	2	NULL
13	188	1056	3009	10	80	2	3019
14	217	1068	3015	10	2	1	3009
15	218	1068	3008	10	21	1	NULL
16	220	1068	3009	10	76	2	3019
17	221	1068	3008	10	90	2	3008
18	240	1076	3009	10	39	1	NULL
19	287	1097	3015	10	86	2	3009
20	309	1104	3017	10	24	1	NULL
21	311	1104	3009	10	90	2	3010
22	337	1117	3010	10	27	1	3009
23	338	1117	3009	10	41	1	3002
24	339	1117	3010	10	44	1	3009

--Red Cards from West Bromwich Albion
SELECT * FROM cards
WHERE team_id = 18
AND card_id = 2

109 %

Results | Messages

	id	match_id	player_id	team_id	card_id	card_time
1	21	1009	3803	18	2	45
2	313	1103	3812	18	2	34
3	431	1135	3808	18	2	37

AGGREGATE FUNCTIONS
COUNT

-- Number of matches since in the Premier League so far (09/01/2021)
SELECT COUNT(match_id) AS total_matches
FROM scores

109 %

Results | Messages

	total_matches
1	235

-- Number of matches taken place each stadium
SELECT v.name, COUNT(*) AS matches
FROM scores
JOIN venues AS v
ON scores.venue_id = v.id
GROUP BY v.name
ORDER BY matches DESC

	name	matches
1	Old Trafford	13
2	Selhurst Park	12
3	St Mary's Stadium	12
4	Stamford Bridge	12
5	The Hawthorns	12
6	Tottenham Hotspur Stadium	12
7	Amex Stadium	12
8	Anfield	12
9	Bramall Lane	12
10	Craven Cottage	12
11	Emirates Stadium	12
12	Etihad Stadium	12
13	King Power Stadium	12
14	London Stadium	12
15	Molineux	12
16	Goodison Park	11
17	Elland Road	11
18	Turf Moor	11
19	St James' Park	11
20	Villa Park	10

-- Number of matches per gameweek
SELECT gameweek.name, COUNT(*) AS matches
FROM scores
JOIN gameweek
ON scores.gameweek_id = gameweek.id
GROUP BY gameweek.name
ORDER BY matches DESC, gameweek.name

	name	matches
1	Gameweek 19	15
2	Gameweek 24	12
3	Gameweek 10	10
4	Gameweek 12	10
5	Gameweek 13	10
6	Gameweek 14	10
7	Gameweek 15	10
8	Gameweek 2	10
9	Gameweek 20	10
10	Gameweek 21	10
11	Gameweek 22	10
12	Gameweek 23	10
13	Gameweek 3	10
14	Gameweek 4	10
15	Gameweek 5	10
16	Gameweek 6	10
17	Gameweek 7	10
18	Gameweek 8	10
19	Gameweek 9	10
20	Gameweek 11	9
21	Gameweek 17	9
22	Gameweek 1	8
23	Gameweek 16	8
24	Gameweek 18	6

Query executed successfully.

--What times do Crystal Palace play and how many times? (As up to 20/02/21)
SELECT time, COUNT(*)
FROM match
WHERE hometeam_id = 6
OR awayteam_id = 6
GROUP BY time
ORDER BY COUNT(*)

	time	(No column name)
1	12:00:00.0000000	1
2	14:00:00.0000000	1
3	14:15:00.0000000	1
4	18:00:00.0000000	1
5	19:15:00.0000000	1
6	20:15:00.0000000	1
7	17:30:00.0000000	2
8	12:30:00.0000000	2
9	20:00:00.0000000	6
10	15:00:00.0000000	9
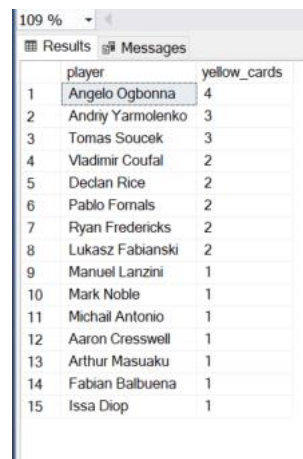
--Top 10 Assist makers in the 2020-21 season (As up to 20/02/21)
SELECT p.name AS player, COUNT(*) AS assists
FROM goals g
JOIN players p
ON g.assist_id = p.id
GROUP BY p.name
ORDER BY assists DESC
LIMIT 10

	player	assists
1	Harry Kane	11
2	Jack Grealish	10
3	Kevin De Bruyne	10
4	Bruno Fernandes	9
5	Aaron Cresswell	6
6	Lucas Digne	6
7	Marcus Rashford	6
8	Son Heung-min	6
9	Timo Werner	6
10	Raheem Sterling	5

--Number of yellow cards given to West Ham (As up to 20/02/21)
SELECT p.name AS player, COUNT(*) AS yellow_cards
FROM cards c
JOIN players p
ON c.player_id = p.id
WHERE c.team_id = 19
AND card_id = 1
GROUP BY p.name
ORDER BY yellow_cards DESC
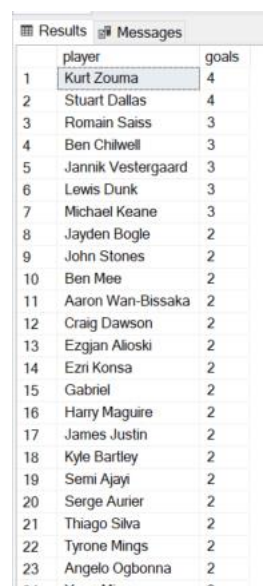
	player	yellow_cards
1	Angelo Ogbonna	4
2	Andriy Yarmolenko	3
3	Tomas Soucek	3
4	Vladimir Coufal	2
5	Declan Rice	2
6	Pablo Fornals	2
7	Ryan Fredericks	2
8	Lukasz Fabianski	2
9	Manuel Lanzini	1
10	Mark Noble	1
11	Michail Antonio	1
12	Aaron Cresswell	1
13	Arthur Masuaku	1
14	Fabian Balbuena	1
15	Issa Diop	1

--Number of goals scored by defenders (As up to 20/02/21)

SELECT p.name AS player, COUNT(*) AS goals
FROM goals g
JOIN players p ON g.player_id = p.id
WHERE position_id = 2
GROUP BY p.name
ORDER BY goals DESC (61 records)

	player	goals
1	Kurt Zouma	4
2	Stuart Dallas	4
3	Romain Saiss	3
4	Ben Chilwell	3
5	Jannik Vestergaard	3
6	Lewis Dunk	3
7	Michael Keane	3
8	Jayden Bogle	2
9	John Stones	2
10	Ben Mee	2
11	Aaron Wan-Bissaka	2
12	Craig Dawson	2
13	Ezgjan Alioski	2
14	Ezri Konsa	2
15	Gabriel	2
16	Harry Maguire	2
17	James Justin	2
18	Kyle Bartley	2
19	Semi Ajayi	2
20	Serge Aurier	2
21	Thiago Silva	2
22	Tyrone Mings	2
23	Angelo Ogbonna	2
24	Yerry Mina	2

--Number of strikers getting red cards (As up to 20/02/21)

SELECT p.name AS player, COUNT(*) AS red_cards
FROM cards c
JOIN players p
ON c.player_id = p.id
WHERE position_id = 4
AND card_id = 2
GROUP BY p.name
ORDER BY red_cards DESC

	player	red_cards
1	Aboubakar Kamara	1
2	Anthony Martial	1
3	Christian Benteke	1
4	Matheus Pereira	1
5	Nicolas Pepe	1
6	Richarlison	1

--Total Number of goals scored in the each half (As up to 20/02/21)

SELECT g.goal_half, COUNT(*) AS goals
FROM goals g
GROUP BY goal_half
ORDER BY goals DESC

	goal_half	goals
1	2	336
2	1	303

--Number of yellow cards given in the first half (As up to 20/02/21)

SELECT COUNT(*)
FROM cards c
WHERE card_time BETWEEN 1 AND 45

	(No column name)
1	237

SUM
-- Number of goals scored so far in the Premier League
SELECT SUM(hometeam_goal + awayteam_goal)
FROM scores

	(No column name)
1	648

-- Number of goals scored in each gameweek
SELECT gameweek.name, SUM(hometeam_goal + awayteam_goal) AS total_goals
FROM scores
JOIN gameweek
ON scores.gameweek_id = gameweek.id
GROUP BY gameweek.name
ORDER BY total_goals DESC, gameweek.name

	name	total_goals
1	Gameweek 2	44
2	Gameweek 4	41
3	Gameweek 3	36
4	Gameweek 14	34
5	Gameweek 19	34
6	Gameweek 24	34
7	Gameweek 20	31
8	Gameweek 22	31
9	Gameweek 11	30
10	Gameweek 7	30
11	Gameweek 5	28
12	Gameweek 17	27
13	Gameweek 13	26
14	Gameweek 23	26
15	Gameweek 10	25
16	Gameweek 8	24
17	Gameweek 1	23
18	Gameweek 15	23
19	Gameweek 21	20
20	Gameweek 9	20
21	Gameweek 12	19
22	Gameweek 6	19
23	Gameweek 16	12
24	Gameweek 18	8

--Number of goals scored in each stadium
SELECT venues.name, SUM(hometeam_goal + awayteam_goal) AS total_goals
FROM scores
JOIN venues
ON scores.venue_id = venues.id
GROUP BY venues.name
ORDER BY total_goals DESC

Results | Messages

	name	total_goals
	Old Trafford	46
	The Hawthorns	40
	Goodison Park	37
	Anfield	36
	King Power Stadium	35
	Selhurst Park	35
	Stamford Bridge	34
	Villa Park	33
	St James' Park	33
10	St Mary's Stadium	33
11	London Stadium	33
12	Elland Road	32
13	Etihad Stadium	32
14	Tottenham Hotspur Stadium	30
15	Emirates Stadium	29
16	Molineux	29
17	Bramall Lane	27
18	Amex Stadium	26
19	Turf Moor	24
20	Craven Cottage	24

--Number of goals scored in each stadium capacity less than 40,000 capacity
SELECT venues.name, SUM(hometeam_goal + awayteam_goal) AS total_goals
FROM scores
JOIN venues
ON scores.venue_id = venues.id
WHERE capacity < 40000
GROUP BY venues.name
ORDER BY total_goals DESC

109 %

Results | Messages

	name	total_goals
1	The Hawthorns	40
2	Goodison Park	37
3	King Power Stadium	35
4	Selhurst Park	35
5	St Mary's Stadium	33
6	Elland Road	32
7	Molineux	29
8	Bramall Lane	27
9	Amex Stadium	26
10	Craven Cottage	24
11	Turf Moor	24

--Number of goals scored in each stadium capacity of more than 40,000

SELECT venues.name, SUM(hometeam_goal + awayteam_goal) AS total_goals
FROM scores
JOIN venues
ON scores.venue_id = venues.id
WHERE capacity > 40000
GROUP BY venues.name
ORDER BY total_goals DESC

name	total_goals
Old Trafford	46
Anfield	36
Stamford Bridge	34
St James' Park	33
London Stadium	33
Villa Park	33
Etihad Stadium	32
Tottenham Hotspur Stadium	30
Emirates Stadium	29

MAX

-- Maximum number of goals scored in a single match at the PL season
SELECT MAX(hometeam_goal + awayteam_goal) FROM scores

Results Messages

	(No column name)
1	9

--Maximum number of goals scored in a match per round
SELECT gameweek.name, MAX(hometeam_goal + awayteam_goal) AS max_goals
FROM scores
JOIN gameweek
ON scores.gameweek_id = gameweek.id
GROUP BY gameweek.name
ORDER BY max_goals DESC, gameweek.name

	name	max_goals
1	Gameweek 22	9
2	Gameweek 4	9
3	Gameweek 14	8
4	Gameweek 1	7
5	Gameweek 13	7
6	Gameweek 2	7
7	Gameweek 3	7
8	Gameweek 7	7
9	Gameweek 11	6
10	Gameweek 17	6
11	Gameweek 23	6
12	Gameweek 24	6
13	Gameweek 5	6
14	Gameweek 10	5
15	Gameweek 16	5
16	Gameweek 19	5
17	Gameweek 20	5
18	Gameweek 8	5
19	Gameweek 9	5
20	Gameweek 15	4
21	Gameweek 21	4
22	Gameweek 12	3
23	Gameweek 18	3
24	Gameweek 6	3

--Maximum number of goals scored in a match per stadium
SELECT venues.name, MAX(hometeam_goal + awayteam_goal) AS max_goals
FROM scores
JOIN venues
ON scores.venue_id = venues.id
GROUP BY venues.name
ORDER BY max_goals DESC

Results | Messages

	name	max_goals
1	Old Trafford	9
2	Villa Park	9
3	Selhurst Park	7
4	St Mary's Stadium	7
5	Anfield	7
6	Elland Road	7
7	Etihad Stadium	7
8	Goodison Park	7
9	King Power Stadium	6
10	Emirates Stadium	6
11	Stamford Bridge	6
12	The Hawthorns	6
13	Tottenham Hotspur Stadium	6
14	Amex Stadium	6
15	Molineux	5
16	St James' Park	5
17	Turf Moor	5
18	Bramall Lane	5
19	Craven Cottage	5
20	London Stadium	4

--Top 50 goals scored at the latest time this season
SELECT p.name, MAX(goal_time)
FROM goals g
JOIN players p
ON g.player_id = p.id
GROUP BY p.name
ORDER BY MAX(goal_time) DESC
LIMIT 50

	name	(No column name)
1	Jack Grealish	97
2	Bruno Fernandes	95
3	Daniel James	93
4	Marcus Rashford	93
5	Michy Batshuayi	90
6	Manuel Lanzini	90
7	Jamie Vardy	90
8	Harvey Barnes	90
9	Ilkay Gündogan	90
10	Jannik Vestergaard	90
11	Joelinton	90
12	Christian Pulisic	90
13	Danny Ings	90
14	Dominic Calvert-Lewin	90
15	Edinson Cavani	90
16	Gabriel Jesus	90
17	Callum Hudson-Odoi	90
18	Callum Wilson	90
19	Aaron Wan-Bissaka	90
20	Alexis Mac Allister	90
21	Anthony Martial	90
22	Anwar El Ghazi	90
23	Ollie Watkins	90
24	Pascal Groß	90

--Earliest time goal scored this season
SELECT p.name, MIN(goal_time)
FROM goals g
JOIN players p
ON g.player_id = p.id
GROUP BY p.name
ORDER BY MIN(goal_time)
LIMIT 1

109 %
Results Messages Client Statistics

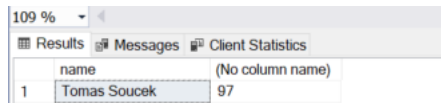|	name	(No column name)
1	Dominic Calvert-Lewin	1

--Earliest time card given this season
SELECT p.name, MIN(card_time)
FROM cards c
JOIN players p
ON c.player_id = p.id
GROUP BY p.name
ORDER BY MIN(card_time)
LIMIT 1

109 %
Results Messages Client Statistics

	name	(No column name)
1	Alex Jankewitz	2

--Latest time card given this season
SELECT p.name, MAX(card_time)
FROM cards c
JOIN players p
ON c.player_id = p.id
GROUP BY p.name
ORDER BY MAX(card_time) DESC
LIMIT 1

	name	(No column name)
1	Tomas Soucek	97

UNION
--Displaying all matches and venues
SELECT gameweek_id, venue_id, hometeam_id, awayteam_id
FROM match
UNION
SELECT gameweek_id, venue_id, hometeam_id, awayteam_id
FROM scores
ORDER BY gameweek_id, venue_id

	gameweek_id	venue_id	hometeam_id	awayteam_id
	1	3	3	5
	1	6	6	16
	1	8	8	1
	1	11	11	9
	1	15	15	20
	1	17	17	7
	1	18	18	10
	1	19	19	14
	2	1	1	19
0	2	2	2	15
1	2	5	5	11
2	2	7	7	18
3	2	9	9	8
4	2	10	10	4
5	2	13	13	6
6	2	14	14	3
7	2	16	16	17
8	2	20	20	12
9	3	3	3	13
0	3	4	4	16
1	3	6	6	7
2	3	8	8	2
3	3	11	11	1

```
SELECT gameweek_id, venue_id, hometeam_id, awayteam_id
FROM match
UNION ALL
SELECT gameweek_id, venue_id, hometeam_id, awayteam_id
FROM scores
ORDER BY gameweek_id, venue_id
```

	gameweek_id	venue_id	hometeam_id	awayteam_id
1	1	3	3	5
2	1	3	3	5
3	1	6	6	16
4	1	6	6	16
5	1	8	8	1
6	1	8	8	1
7	1	11	11	9
8	1	11	11	9
9	1	15	15	20
10	1	15	15	20
11	1	17	17	7
12	1	17	17	7
13	1	18	18	10
14	1	18	18	10
15	1	19	19	14
16	1	19	19	14
17	2	1	1	19
18	2	1	1	19
19	2	2	2	15
20	2	2	2	15
21	2	5	5	11
22	2	5	5	11
23	2	7	7	18
24	2	7	7	18

CASE STATEMENTS

--Identify home wins, losses or draw
```
SELECT match_id,
CASE WHEN hometeam_goal > awayteam_goal THEN 'Home Win!'
WHEN hometeam_goal < awayteam_goal THEN 'Away Win!'
ELSE 'Draw' END AS outcome
FROM scores
```

Results | Messages | Client St:

	match_id	outcome
1	1001	Away Win!
2	1002	Home Win!
3	1003	Home Win!
4	1004	Away Win!
5	1005	Away Win!
6	1006	Away Win!
7	1007	Away Win!
8	1008	Away Win!
9	1009	Home Win!
10	1010	Home Win!
11	1011	Away Win!
12	1012	Home Win!
13	1013	Away Win!
14	1014	Away Win!
15	1015	Away Win!
16	1016	Home Win!
17	1017	Home Win!
18	1018	Away Win!
19	1019	Away Win!
20	1020	Away Win!
21	1021	Draw
22	1022	Away Win!
23	1023	Away Win!
24	1024	Draw

--Select matches where Burney were home
SELECT s.match_id, t.name,
CASE WHEN hometeam_goal > awayteam_goal THEN 'Burnley Win'
WHEN hometeam_goal < awayteam_goal THEN 'Burnley loss!'
ELSE 'Draw' END AS Outcome
FROM scores s
JOIN teams t
ON s.awayteam_id = t.id
WHERE hometeam_id = 4

	match_id	name	Outcome
1	1022	Southampton	Burnley loss!
2	1058	Tottenham Hotspur	Burnley loss!
3	1061	Chelsea	Burnley loss!
4	1087	Crystal Palace	Burnley Win
5	1099	Everton	Draw
6	1136	Wolverhampton Wanderers	Burnley Win
7	1151	Sheffield United	Burnley Win
8	1166	Manchester United	Burnley loss!
9	1190	Aston Villa	Burnley Win
10	1210	Manchester City	Burnley loss!
11	1217	Brighton & Hove Albion	Draw
12	1236	Fulham	Draw
13	1240	West Bromwich Albion	Draw

--Identify when Wolves won a match during the season
SELECT m.date, g.name, v.name,
CASE WHEN scores.hometeam_id = 20 AND hometeam_goal > awayteam_goal THEN 'Wolves win'
WHEN scores.awayteam_id = 20 AND awayteam_goal > hometeam_goal THEN 'Wolves win'
END AS outcome
FROM scores
JOIN match m
ON scores.match_id = m.id
JOIN gameweek g
ON scores.gameweek_id = g.id
JOIN venues v
ON scores.venue_id = v.id

Results | Messages | Client Statistics

	date	name	name	outcome
1	2020-09-12	Gameweek 1	Craven Cottage	NULL
2	2020-09-12	Gameweek 1	Selhurst Park	NULL
3	2020-09-12	Gameweek 1	Anfield	NULL
4	2020-09-12	Gameweek 1	London Stadium	NULL
5	2020-09-13	Gameweek 1	The Hawthorns	NULL
6	2020-09-13	Gameweek 1	Tottenham Hotspur Stadium	NULL
7	2020-09-14	Gameweek 1	Bramall Lane	Wolves win
8	2020-09-14	Gameweek 1	Amex Stadium	NULL
9	2020-09-19	Gameweek 2	Goodison Park	NULL
10	2020-09-19	Gameweek 2	Elland Road	NULL
11	2020-09-19	Gameweek 2	Old Trafford	NULL
12	2020-09-19	Gameweek 2	Emirates Stadium	NULL
13	2020-09-20	Gameweek 2	St Mary's Stadium	NULL
14	2020-09-20	Gameweek 2	St James' Park	NULL
15	2020-09-20	Gameweek 2	Stamford Bridge	NULL
16	2020-09-20	Gameweek 2	King Power Stadium	NULL
17	2020-09-21	Gameweek 2	Villa Park	NULL
18	2020-09-21	Gameweek 2	Molineux	NULL
19	2020-09-26	Gameweek 3	Amex Stadium	NULL
20	2020-09-26	Gameweek 3	Selhurst Park	NULL
21	2020-09-26	Gameweek 3	The Hawthorns	NULL
22	2020-09-26	Gameweek 3	Turf Moor	NULL
23	2020-09-27	Gameweek 3	Bramall Lane	NULL
24	2020-09-27	Gameweek 3	Tottenham Hotspur Stadium	NULL

--Sum the total records in each gameweek where the home teams won (1-7)
SELECT g.name AS Gameweek,
SUM(CASE WHEN gameweek_id = 1 AND hometeam_goal > awayteam_goal THEN 1
ELSE 0 END) AS Matchday_1,
SUM(CASE WHEN gameweek_id = 2 AND hometeam_goal > awayteam_goal THEN 1
ELSE 0 END) AS Matchday_2,
SUM(CASE WHEN gameweek_id = 3 AND hometeam_goal > awayteam_goal THEN 1
ELSE 0 END) AS Matchday_3,
SUM(CASE WHEN gameweek_id = 4 AND hometeam_goal > awayteam_goal THEN 1
ELSE 0 END) AS Matchday_4,
SUM(CASE WHEN gameweek_id = 5 AND hometeam_goal > awayteam_goal THEN 1
ELSE 0 END) AS Matchday_5,
SUM(CASE WHEN gameweek_id = 6 AND hometeam_goal > awayteam_goal THEN 1
ELSE 0 END) AS Matchday_6,
SUM(CASE WHEN gameweek_id = 7 AND hometeam_goal > awayteam_goal THEN 1
ELSE 0 END) AS Matchday_7
FROM scores
JOIN gameweek g
ON scores.gameweek_id = g.id
WHERE gameweek_id BETWEEN 1 AND 7
GROUP BY g.name

Results | Messages | Client Statistics

	Gameweek	Matchday_1	Matchday_2	Matchday_3	Matchday_4	Matchday_5	Matchday_6	Matchday_7
1	Gameweek 1	2	0	0	0	0	0	0
2	Gameweek 2	0	5	0	0	0	0	0
3	Gameweek 3	0	0	2	0	0	0	0
4	Gameweek 4	0	0	0	7	0	0	0
5	Gameweek 5	0	0	0	0	1	0	0
6	Gameweek 6	0	0	0	0	0	2	0
7	Gameweek 7	0	0	0	0	0	0	5

--Count the Team1, Team2 and Draws in each Stadium
SELECT v.name AS venue,
COUNT(CASE WHEN hometeam_goal > awayteam_goal THEN s.match_id END) AS
home_wins,
COUNT(CASE WHEN hometeam_goal < awayteam_goal THEN s.match_id END) AS
away_wins,
COUNT(CASE WHEN hometeam_goal = awayteam_goal THEN s.match_id END) AS Draw
FROM scores s
JOIN venues v
ON s.venue_id = v.id
GROUP BY v.name
ORDER BY home_wins DESC

venue	home_wins	away_wins	Draw
Etihad Stadium	9	1	2
Anfield	7	3	2
King Power Stadium	6	5	1
London Stadium	6	3	3
Stamford Bridge	6	2	4
Tottenham Hotspur Stadium	5	4	3
Emirates Stadium	5	4	3
St Mary's Stadium	5	6	2
Molineux	5	4	4
Old Trafford	5	5	3
Villa Park	5	4	1
Selhurst Park	4	5	3
St James' Park	4	5	2
Elland Road	4	5	2
Goodison Park	4	6	2
Turf Moor	4	5	4
Bramall Lane	2	9	1
Craven Cottage	1	7	4
Amex Stadium	1	4	7
The Hawthorns	1	7	4

SUBQUERIES

--Teams who scored 4 or more goals as Home
SELECT t.name
FROM teams t
WHERE t.id IN (SELECT hometeam_id FROM scores WHERE hometeam_goal >= 4)

	name
1	Arsenal
2	Aston Villa
3	Chelsea
4	Crystal Palace
5	Everton
6	Leeds United
7	Leicester City
8	Liverpool
9	Manchester City
10	Manchester United
11	West Ham United

--Teams who scored 4 or more goals as Away
SELECT t.name
FROM teams t
WHERE t.id IN (SELECT awayteam_id FROM scores WHERE awayteam_goal >= 4)

Results Messages

name
Arsenal
Crystal Palace
Leeds United
Leicester City
Liverpool
Manchester City
Manchester United
Southampton
Tottenham Hotspur

--Matches where 5 or more goals were score in a match
SELECT date, hometeam_goal, awayteam_goal
FROM
(SELECT date, g.name, hometeam_goal, awayteam_goal, (hometeam_goal + awayteam_goal) AS total_goals
FROM scores
JOIN match m
ON scores.match_id = m.id
JOIN gameweek g
ON scores.gameweek_id = g.id) AS subq
WHERE total_goals >= 5

Results Messages

	date	hometeam_goal	awayteam_goal
1	2020-09-12	4	3
2	2020-09-19	5	2
3	2020-09-19	4	3
4	2020-09-20	2	5
5	2020-09-20	4	2
6	2020-09-26	2	3
7	2020-09-26	3	3
8	2020-09-27	2	5
9	2020-10-03	4	2
10	2020-10-04	1	6
11	2020-10-04	7	2
12	2020-10-17	3	3
13	2020-10-17	1	4
14	2020-10-18	3	3
15	2020-11-01	3	4
16	2020-11-02	1	4
17	2020-11-07	4	1
18	2020-11-07	4	1
19	2020-11-22	2	3
20	2020-11-28	5	0
21	2020-11-29	2	3
22	2020-12-06	1	5
23	2020-12-16	5	2
24	2020-12-17	3	3

--Average total of goals per day vs. Overall AVG
SELECT g.name AS gameweek,
ROUND(AVG(hometeam_goal + awayteam_goal), 2) AS avg_goals,
(SELECT ROUND(AVG(hometeam_goal + awayteam_goal), 2)
FROM scores) AS Overall_avg
          FROM scores
          JOIN match AS m
          ON scores.match_id = m.id
          JOIN gameweek g
          ON scores.gameweek_id = g.id
          GROUP BY date, g.name
          ORDER BY avg_goals DESC

Results / Messages

	gameweek	avg_goals	Overall_avg
1	Gameweek 2	5.250000	2.700000
2	Gameweek 2	4.500000	2.700000
3	Gameweek 22	4.500000	2.700000
4	Gameweek 20	4.250000	2.700000
5	Gameweek 4	4.170000	2.700000
6	Gameweek 5	4.000000	2.700000
7	Gameweek 4	4.000000	2.700000
8	Gameweek 20	4.000000	2.700000
9	Gameweek 3	3.750000	2.700000
10	Gameweek 11	3.750000	2.700000
11	Gameweek 14	3.750000	2.700000
12	Gameweek 17	3.750000	2.700000
13	Gameweek 8	3.750000	2.700000
14	Gameweek 7	3.500000	2.700000
15	Gameweek 7	3.500000	2.700000
16	Gameweek 17	3.500000	2.700000
17	Gameweek 3	3.500000	2.700000
18	Gameweek 3	3.500000	2.700000
19	Gameweek 24	3.250000	2.700000
20	Gameweek 14	3.250000	2.700000
21	Gameweek 1	3.250000	2.700000
22	Gameweek 1	3.000000	2.700000
23	Gameweek 10	3.000000	2.700000
24	Gameweek 11	3.000000	2.700000

--Average total of goals per gameweek vs Overall AVG
SELECT s.name AS gameweek,
ROUND(AVG(hometeam_goal + awayteam_goal), 2) AS avg_goals,
(SELECT ROUND(AVG(hometeam_goal + awayteam_goal), 2)
FROM scores) AS Overall_avg
      FROM scores
      LEFT JOIN match AS m
      ON scores.match_id = m.id
      JOIN gameweek s
      ON scores.gameweek_id = s.id
      GROUP BY s.name
      ORDER BY avg_goals DESC

	gameweek	avg_goals	Overall_avg
1	Gameweek 2	4.400000	2.700000
2	Gameweek 4	4.100000	2.700000
3	Gameweek 3	3.600000	2.700000
4	Gameweek 14	3.400000	2.700000
5	Gameweek 11	3.330000	2.700000
6	Gameweek 20	3.100000	2.700000
7	Gameweek 22	3.100000	2.700000
8	Gameweek 17	3.000000	2.700000
9	Gameweek 7	3.000000	2.700000
10	Gameweek 1	2.880000	2.700000
11	Gameweek 24	2.830000	2.700000
12	Gameweek 5	2.800000	2.700000
13	Gameweek 23	2.600000	2.700000
14	Gameweek 13	2.600000	2.700000
15	Gameweek 10	2.500000	2.700000
16	Gameweek 8	2.400000	2.700000
17	Gameweek 15	2.300000	2.700000
18	Gameweek 19	2.270000	2.700000
19	Gameweek 21	2.000000	2.700000
20	Gameweek 9	2.000000	2.700000
21	Gameweek 6	1.900000	2.700000
22	Gameweek 12	1.900000	2.700000
23	Gameweek 16	1.500000	2.700000
24	Gameweek 18	1.330000	2.700000

--Average total of goals per gameweek vs difference of overall AVG
SELECT g.name AS gameweek,
ROUND(AVG(hometeam_goal + awayteam_goal), 2) AS avg_goals,
ROUND(AVG(hometeam_goal + awayteam_goal) -
        (SELECT AVG(hometeam_goal + awayteam_goal)
        FROM scores), 2) AS diff
 FROM scores
        LEFT JOIN match AS m
        ON scores.match_id = m.id
        JOIN gameweek g
        ON scores.gameweek_id = g.id
        GROUP BY g.name
            ORDER BY avg_goals DESC

	gameweek	avg_goals	diff
1	Gameweek 2	4.400000	1.700000
2	Gameweek 4	4.100000	1.400000
3	Gameweek 3	3.600000	0.900000
4	Gameweek 14	3.400000	0.700000
5	Gameweek 11	3.330000	0.640000
6	Gameweek 20	3.100000	0.400000
7	Gameweek 22	3.100000	0.400000
8	Gameweek 17	3.000000	0.300000
9	Gameweek 7	3.000000	0.300000
10	Gameweek 1	2.880000	0.180000
11	Gameweek 24	2.830000	0.140000
12	Gameweek 5	2.800000	0.100000
13	Gameweek 23	2.600000	-0.100000
14	Gameweek 13	2.600000	-0.100000
15	Gameweek 10	2.500000	-0.200000
16	Gameweek 8	2.400000	-0.300000
17	Gameweek 15	2.300000	-0.400000
18	Gameweek 19	2.270000	-0.430000
19	Gameweek 21	2.000000	-0.700000
20	Gameweek 9	2.000000	-0.700000
21	Gameweek 6	1.900000	-0.800000
22	Gameweek 12	1.900000	-0.800000
23	Gameweek 16	1.500000	-1.200000
24	Gameweek 18	1.330000	-1.360000

--Gameweek where average goals > Overall AVG + Overall AVG
SELECT
s.gameweek_id, ROUND(s.avg_goals, 2) AS AVG_goals,
(SELECT AVG(hometeam_goal + awayteam_goal) FROM scores) AS overall_AVG
FROM
(SELECT gameweek_id, AVG(hometeam_goal + awayteam_goal) AS avg_goals
FROM scores
GROUP BY gameweek_id) AS s
WHERE s.avg_goals > (SELECT AVG(hometeam_goal + awayteam_goal)
                                    FROM scores)

▦ Results ▦ Messages

	gameweek_id	hometeam_goal	awayteam_goal
1	1	4	3
2	4	7	2
3	5	3	3
4	5	3	3
5	7	3	4
6	8	4	1
7	8	4	1
8	9	2	3
9	13	5	2
10	14	0	7
11	14	6	2
12	16	0	5
13	18	1	2
14	19	2	3
15	22	9	0
16	23	3	3
17	24	4	2

--Correlated subquery (matches where goals > twice the AVG
SELECT
main.gameweek_id,
main.hometeam_goal,
main.awayteam_goal
FROM scores AS main
WHERE
(hometeam_goal + awayteam_goal) >
(SELECT AVG((sub.hometeam_goal + sub.awayteam_goal) * 2)
FROM scores AS sub
WHERE main.gameweek_id = sub.gameweek_id)

	gameweek_id	hometeam_goal	awayteam_goal
1	1	4	3
2	4	7	2
3	5	3	3
4	5	3	3
5	7	3	4
6	8	4	1
7	8	4	1
8	9	2	3
9	13	5	2
10	14	0	7
11	14	6	2
12	16	0	5
13	18	1	2
14	19	2	3
15	22	9	0
16	23	3	3
17	24	4	2

--Scores equal Max number of goals in a match
SELECT
main.match_id,
main.gameweek_id,
main.venue_id,
main.hometeam_goal,
main.awayteam_goal
FROM scores AS main
WHERE(hometeam_goal + awayteam_goal) =
(SELECT MAX(sub.hometeam_goal + sub.awayteam_goal)
FROM scores AS sub)

	match_id	gameweek_id	venue_id	hometeam_goal	awayteam_goal
1	1038	4	2	7	2
2	1208	22	13	9	0

--Scores equal Min number of goals in a match
SELECT
main.match_id,
main.gameweek_id,
main.venue_id,
main.hometeam_goal,
main.awayteam_goal
FROM scores AS main
WHERE(hometeam_goal + awayteam_goal) =
(SELECT MIN(sub.hometeam_goal + sub.awayteam_goal)
FROM scores AS sub)

	match_id	gameweek_id	venue_id	hometeam_goal	awayteam_goal
1	1047	5	18	0	0
2	1052	6	13	0	0
3	1069	8	3	0	0
4	1085	9	9	0	0
5	1095	10	5	0	0
6	1111	12	13	0	0
7	1123	13	8	0	0
8	1126	13	2	0	0
9	1140	15	8	0	0
10	1152	16	16	0	0
11	1155	16	14	0	0
12	1170	18	1	0	0
13	1177	19	11	0	0
14	1191	20	5	0	0
15	1192	20	3	0	0
16	1200	21	1	0	0
17	1219	23	8	0	0
18	1222	23	20	0	0
19	1229	24	3	0	0
20	1240	25	4	0	0

SELECT g.name, MAX(hometeam_goal + awayteam_goal) AS max_goals,
(SELECT MAX(hometeam_goal + awayteam_goal) FROM scores) AS overall_max,
(SELECT MAX (hometeam_goal + awayteam_goal)
FROM scores
WHERE match_id IN (SELECT id FROM match WHERE EXTRACT(MONTH FROM date) =
12)) AS dec_max_goals
FROM scores s
JOIN gameweek AS g
ON s.gameweek_id = g.id
GROUP BY g.name

	name character varying (15)	max_goals numeric	overall_max numeric	dec_max_goals numeric
1	Gameweek 21	4	9	8
2	Gameweek 22	9	9	8
3	Gameweek 2	7	9	8
4	Gameweek 23	6	9	8
5	Gameweek 13	7	9	8
6	Gameweek 24	6	9	8
7	Gameweek 6	3	9	8
8	Gameweek 8	5	9	8
9	Gameweek 25	2	9	8
10	Gameweek 17	6	9	8
11	Gameweek 14	8	9	8
12	Gameweek 16	5	9	8
13	Gameweek 1	7	9	8

--Matches where home or away score 4 or more goals
SELECT id, gameweek_id, venue_id
FROM scores
WHERE hometeam_goal >= 4 OR awayteam_goal >= 4

	match_id	gameweek_id	venue_id
1	1003	1	11
2	1009	2	7
3	1010	2	9
4	1013	2	16
5	1016	2	10
6	1025	3	12
7	1026	3	19
8	1029	4	5
9	1030	4	7
10	1037	4	13
11	1038	4	2
12	1042	5	14
13	1063	7	2
14	1068	7	9
15	1072	8	6
16	1073	8	5
17	1091	10	12
18	1103	11	18
19	1106	11	11
20	1121	13	9
21	1128	14	6
22	1134	14	13
23	1153	16	18
24	1161	17	18

--Which gameweek and venue did those matches take place with > 4 goals?
SELECT
g.name AS gameweek, v.name AS venue, COUNT(subquery.match_id) AS matches
FROM (
SELECT gameweek_id, venue_id, match_id
FROM scores
WHERE hometeam_goal >= 2 OR awayteam_goal >= 2) AS subquery
JOIN gameweek g
ON g.id = subquery.gameweek_id
JOIN venues v
ON v.id = subquery.venue_id
GROUP BY g.name, v.name

	gameweek	venue	matches
1	Gameweek 1	Amex Stadium	1
2	Gameweek 11	Amex Stadium	1
3	Gameweek 17	Amex Stadium	1
4	Gameweek 3	Amex Stadium	1
5	Gameweek 1	Anfield	1
6	Gameweek 11	Anfield	1
7	Gameweek 13	Anfield	1
8	Gameweek 23	Anfield	1
9	Gameweek 25	Anfield	1
10	Gameweek 3	Anfield	1
11	Gameweek 6	Anfield	1
12	Gameweek 7	Anfield	1
13	Gameweek 9	Anfield	1
14	Gameweek 1	Bramall Lane	1
15	Gameweek 11	Bramall Lane	1
16	Gameweek 13	Bramall Lane	1
17	Gameweek 19	Bramall Lane	1
18	Gameweek 22	Bramall Lane	1
19	Gameweek 23	Bramall Lane	1
20	Gameweek 1	Craven Cottage	1
21	Gameweek 19	Craven Cottage	1
22	Gameweek 22	Craven Cottage	1
23	Gameweek 3	Craven Cottage	1
24	Gameweek 6	Craven Cottage	1

--Venues where the top 5 earliest timed goals took place
SELECT v.name, sub.min_goal_time
FROM scores s
JOIN venues v
ON s.venue_id = v.id,
(SELECT match_id, p.name, MIN(goal_time) AS min_goal_time
FROM goals g
JOIN players p
ON g.player_id = p.id
GROUP BY match_id, p.name
ORDER BY min_goal_time
LIMIT 5) AS sub
WHERE s.match_id = sub.match_id

Data Output   Explain   Messages   Notifications

	name character varying (50)	min_goal_time integer
1	Tottenham Hotspur Stadium	1
2	Craven Cottage	1
3	St James' Park	1
4	Molineux	1
5	St James' Park	2

--Venues where the 10 earliest yellow cards are given
SELECT v.name, sub.yellow_cards
FROM scores s
JOIN venues v
ON s.venue_id = v.id,
(SELECT match_id, p.name, MIN(card_time) AS yellow_cards
FROM cards c
JOIN players p
ON c.player_id = p.id
GROUP BY match_id, p.name
ORDER BY yellow_cards ASC
LIMIT 10) AS sub
WHERE s.match_id = sub.match_id
ORDER BY sub.yellow_cards

	name character varying (50)	max_goal_time integer
1	Villa Park	97
2	Amex Stadium	95
3	St James' Park	93
4	Old Trafford	93
5	Craven Cottage	90
6	Villa Park	90
7	Elland Road	90
8	St Mary's Stadium	90
9	Amex Stadium	90
10	St Mary's Stadium	90
11	Molineux	90
12	Anfield	90
13	Old Trafford	90

--10 latest yellow cards were given in which venues?
SELECT v.name, sub.yellow_cards
FROM scores s
JOIN venues v
ON s.venue_id = v.id,
(SELECT match_id, p.name, MAX(card_time) AS yellow_cards
FROM cards c
JOIN players p
ON c.player_id = p.id
GROUP BY match_id, p.name
ORDER BY yellow_cards DESC
LIMIT 10) AS sub
WHERE s.match_id = sub.match_id
ORDER BY sub.yellow_cards DESC

	name character varying (50)	yellow_cards integer
1	Craven Cottage	97
2	Villa Park	96
3	Etihad Stadium	95
4	Bramall Lane	95
5	Bramall Lane	95
6	Bramall Lane	95
7	Amex Stadium	94
8	Bramall Lane	94
9	Villa Park	93
10	Goodison Park	93

--Full scoresheet using a Subquery
SELECT m.date, team1, team2, hometeam_goal, awayteam_goal
FROM scores s
JOIN match m
ON s.match_id = m.id
LEFT JOIN (
SELECT match.id, t.name AS team1
FROM match
JOIN teams t
ON match.hometeam_id = t.id) AS team1
ON team1.id = s.match_id
LEFT JOIN (
SELECT match.id, t.name AS team2
FROM match
JOIN teams t
ON match.awayteam_id = t.id) AS team2
ON team2.id = s.match_id
ORDER BY date

	date	team1	team2	hometeam_goal	awayteam_goal
	2020-01-01	Manchester United	Aston Villa	2	1
	2020-01-02	Tottenham Hotspur	Leeds United	3	0
	2020-01-02	Crystal Palace	Sheffield United	2	0
	2020-01-02	Brighton & Hove Albion	Wolverhampton Wanderers	3	3
	2020-01-02	West Bromwich Albion	Arsenal	0	4
	2020-01-03	Newcastle United	Leicester City	1	2
	2020-01-03	Chelsea	Manchester City	1	3
	2020-01-04	Southampton	Liverpool	1	0
	2020-01-12	Sheffield United	Newcastle United	1	0
0	2020-01-12	Burnley	Manchester United	0	1
1	2020-01-12	Wolverhampton Wanderers	Everton	1	2
2	2020-01-13	Manchester City	Brighton & Hove Albion	1	0
3	2020-01-13	Tottenham Hotspur	Fulham	1	1
4	2020-01-14	Arsenal	Crystal Palace	0	0
5	2020-01-16	Wolverhampton Wanderers	West Bromwich Albion	2	3
6	2020-01-16	Leeds United	Brighton & Hove Albion	0	1
7	2020-01-16	West Ham United	Burnley	1	0
8	2020-01-16	Fulham	Chelsea	0	1
9	2020-01-16	Leicester City	Southampton	2	0
0	2020-01-17	Sheffield United	Tottenham Hotspur	1	3
1	2020-01-17	Liverpool	Manchester United	0	0
2	2020-01-17	Manchester City	Crystal Palace	4	0
3	2020-01-18	Arsenal	Newcastle United	3	0
	2020-01-19	West Ham United	West Bromwich Albion	2	1

--**Full scoresheet using a correlated subquery**
SELECT m.date, team1, team2, hometeam_goal, awayteam_goal
FROM scores s
JOIN match m
ON s.match_id = m.id
LEFT JOIN (
SELECT match.id, t.name AS team1
FROM match
JOIN teams t
ON match.hometeam_id = t.id) AS team1
ON team1.id = s.match_id
LEFT JOIN (
SELECT match.id, t.name AS team2
FROM match
JOIN teams t
ON match.awayteam_id = t.id) AS team2
ON team2.id = s.match_id
ORDER BY date

	date	team1	team2	hometeam_goal	awayteam_goal
1	2020-01-01	Manchester United	Aston Villa	2	1
2	2020-01-02	Tottenham Hotspur	Leeds United	3	0
3	2020-01-02	Crystal Palace	Sheffield United	2	0
4	2020-01-02	Brighton & Hove Albion	Wolverhampton Wanderers	3	3
5	2020-01-02	West Bromwich Albion	Arsenal	0	4
6	2020-01-03	Newcastle United	Leicester City	1	2
7	2020-01-03	Chelsea	Manchester City	1	3
8	2020-01-04	Southampton	Liverpool	1	0
9	2020-01-12	Sheffield United	Newcastle United	1	0
10	2020-01-12	Burnley	Manchester United	0	1
11	2020-01-12	Wolverhampton Wanderers	Everton	1	2
12	2020-01-13	Manchester City	Brighton & Hove Albion	1	0
13	2020-01-13	Tottenham Hotspur	Fulham	1	1
14	2020-01-14	Arsenal	Crystal Palace	0	0
15	2020-01-16	Wolverhampton Wanderers	West Bromwich Albion	2	3
16	2020-01-16	Leeds United	Brighton & Hove Albion	0	1
17	2020-01-16	West Ham United	Burnley	1	0
18	2020-01-16	Fulham	Chelsea	0	1
19	2020-01-16	Leicester City	Southampton	2	0
20	2020-01-17	Sheffield United	Tottenham Hotspur	1	3
21	2020-01-17	Liverpool	Manchester United	0	0
22	2020-01-17	Manchester City	Crystal Palace	4	0
23	2020-01-18	Arsenal	Newcastle United	3	0
24	2020-01-19	West Ham United	West Bromwich Albion	2	1

COMMON TABLE EXPRESSIONS

--Number of games per gameweek where total goals are more than / equal to 6
WITH match_list AS (
SELECT
m.match_id FROM scores m
WHERE (hometeam_goal + awayteam_goal) >= 6)
SELECT g.name AS gameweek, COUNT(match_list.match_id) AS matches
FROM scores
JOIN gameweek AS g
ON scores.gameweek_id = g.id
LEFT JOIN match_list ON scores.match_id = match_list.match_id
GROUP BY g.name
ORDER BY matches DESC

	gameweek	matches
1	Gameweek 2	4
2	Gameweek 4	3
3	Gameweek 5	2
4	Gameweek 3	2
5	Gameweek 14	2
6	Gameweek 17	1
7	Gameweek 1	1
8	Gameweek 11	1
9	Gameweek 13	1
10	Gameweek 22	1
11	Gameweek 23	1
12	Gameweek 24	1
13	Gameweek 7	1
14	Gameweek 8	0
15	Gameweek 9	0
16	Gameweek 6	0
17	Gameweek 25	0
18	Gameweek 20	0
19	Gameweek 21	0
20	Gameweek 12	0
21	Gameweek 10	0
22	Gameweek 18	0
23	Gameweek 19	0
24	Gameweek 15	0

--Matches where 4 or more goals were scored
WITH match_list AS (
SELECT
scores.gameweek_id, m.date, hometeam_goal, awayteam_goal, (hometeam_goal + awayteam_goal) AS total_goals
        FROM scores
        LEFT JOIN match m ON scores.match_id = m.id)
SELECT gameweek_id, date, hometeam_goal, awayteam_goal FROM match_list
WHERE total_goals >= 4

	gameweek_id	date	hometeam_goal	awayteam_goal
1	1	2020-09-12	4	3
2	1	2020-09-14	1	3
3	2	2020-09-19	5	2
4	2	2020-09-19	4	3
5	2	2020-09-19	1	3
6	2	2020-09-20	2	5
7	2	2020-09-20	4	2
8	2	2020-09-21	1	3
9	3	2020-09-26	2	3
10	3	2020-09-26	3	3
11	3	2020-09-27	2	5
12	3	2020-09-27	4	0
13	3	2020-09-28	3	1
14	4	2020-10-03	4	0
15	4	2020-10-03	4	2
16	4	2020-10-03	3	1
17	4	2020-10-04	1	6
18	4	2020-10-04	7	2
19	5	2020-10-17	2	2
20	5	2020-10-17	3	3
21	5	2020-10-17	1	4
22	5	2020-10-18	3	3
23	7	2020-11-01	3	4
24	7	2020-11-02	1	4

--Number of goals scored on AVG per venue in January
WITH match_list AS (
SELECT
venue_id, (hometeam_goal + awayteam_goal) AS goals
        FROM scores
        WHERE match_id IN (SELECT id FROM match
                        WHERE EXTRACT(MONTH FROM date) = 01))
SELECT v.name, AVG(match_list.goals)
FROM venues v
LEFT JOIN match_list
ON v.id = match_list.venue_id
GROUP BY v.name
ORDER BY avg DESC

name character varying (50)	avg numeric
1	The Hawthorns	4.3333333333333333
2	Molineux	4.0000000000000000
3	Tottenham Hotspur Stadium	3.0000000000000000
4	Old Trafford	3.0000000000000000
5	Turf Moor	3.0000000000000000
6	St James' Park	3.0000000000000000
7	Selhurst Park	2.6666666666666667
8	King Power Stadium	2.6666666666666667
9	London Stadium	2.6666666666666667
10	Bramall Lane	2.5000000000000000
11	Amex Stadium	2.3333333333333333
12	Craven Cottage	2.0000000000000000
13	Etihad Stadium	2.0000000000000000
14	St Mary's Stadium	2.0000000000000000

--Full scoresheet using CTE
WITH team1 AS (
SELECT s.match_id, m.date, t.name AS team1, s.hometeam_goal
FROM scores s
LEFT JOIN teams t
ON t.id = s.hometeam_id
LEFT JOIN match m
ON s.match_id = m.id),
team2 AS (
SELECT s.match_id, m.date, t.name AS team2, s.awayteam_goal
FROM scores s
LEFT JOIN teams t
ON t.id = s.awayteam_id
LEFT JOIN match m
On s.match_id = m.id)
SELECT team1.date, team1.team1, team2.team2, team1.hometeam_goal,
team2.awayteam_goal
FROM team1
JOIN team2
On team1.match_id = team2.match_id
ORDER BY date

date	team1	team2	hometeam_goal	awayteam_goal
2021-02-06	Fulham	West Ham United	0	0
2021-02-06	Manchester United	Everton	3	3
2021-02-07	Tottenham Hotspur	West Bromwich Albion	2	0
2021-02-07	Wolverhampton Wanderers	Leicester City	0	0
2021-02-07	Liverpool	Manchester City	1	4
2021-02-07	Sheffield United	Chelsea	1	2
2021-02-08	Leeds United	Crystal Palace	2	0
2021-02-13	Leicester City	Liverpool	3	1
2021-02-13	Crystal Palace	Burnley	0	3
2021-02-13	Manchester City	Tottenham Hotspur	3	0
2021-02-13	Brighton & Hove Albion	Aston Villa	0	0
2021-02-14	Southampton	Wolverhampton Wanderers	1	2
2021-02-14	West Bromwich Albion	Manchester United	1	1
2021-02-14	Arsenal	Leeds United	4	2
2021-02-14	Everton	Fulham	0	2
2021-02-15	West Ham United	Sheffield United	3	0
2021-02-15	Chelsea	Newcastle United	2	0
2021-02-17	Burnley	Fulham	1	1
2021-02-17	Everton	Manchester City	1	3
2021-02-19	Wolverhampton Wanderers	Leeds United	1	0
2021-02-20	Southampton	Chelsea	1	1
2021-02-20	Burnley	West Bromwich Albion	0	0
2021-02-20	Liverpool	Everton	0	2

--Full Scoresheet for Chelsea this season
```
WITH home AS(
        SELECT s.match_id, t.name,
CASE WHEN s.hometeam_goal > s.awayteam_goal THEN 'Chelsea Win'
WHEN s.hometeam_goal < s.awayteam_goal THEN 'Chelsea Lost'
ELSE 'Draw' END AS ChelseaPL
FROM scores s
LEFT JOIN teams t
ON s.hometeam_id = t.id),
away AS (
SELECT s.match_id, t.name,
CASE WHEN s.hometeam_goal > s.awayteam_goal THEN 'Chelsea Lost'
WHEN s.hometeam_goal < s.awayteam_goal THEN 'Chelsea Win'
ELSE 'Draw' END AS ChelseaPL
FROM scores s
LEFT JOIN teams t
ON s.awayteam_id = t.id)
SELECT DISTINCT m.date, home.name AS team1, away.name AS team2, hometeam_goal,
awayteam_goal
FROM scores s
JOIN match m ON s.match_id = m.id
JOIN home ON s.match_id = home.match_id
JOIN away ON s.match_id = away.match_id
WHERE home.name = 'Chelsea' OR away.name = 'Chelsea'
```
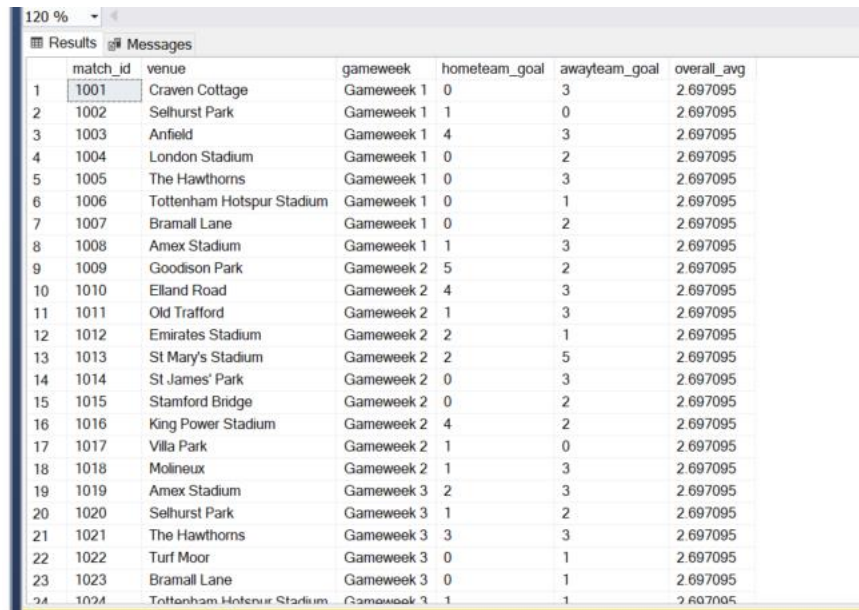
date	team1	team2	hometeam_goal	awayteam_goa
2020-09-26	West Bromwich Albion	Chelsea	3	3
2020-10-03	Chelsea	Crystal Palace	4	0
2020-10-17	Chelsea	Southampton	3	3
2020-10-24	Manchester United	Chelsea	0	0
2020-10-31	Burnley	Chelsea	0	3
2020-11-07	Chelsea	Sheffield United	4	1
2020-11-21	Newcastle United	Chelsea	0	2
2020-11-29	Chelsea	Tottenham Hotspur	0	0
2020-12-05	Chelsea	Leeds United	3	1
2020-12-12	Everton	Chelsea	1	0
2020-12-15	Wolverhampton Wanderers	Chelsea	2	1
2020-12-21	Chelsea	West Ham United	3	0
2020-12-26	Arsenal	Chelsea	3	1
2020-12-28	Chelsea	Aston Villa	1	1
2021-01-03	Chelsea	Manchester City	1	3
2021-01-16	Fulham	Chelsea	0	1
2021-01-19	Leicester City	Chelsea	2	0
2021-01-27	Chelsea	Wolverhampton Wanderers	0	0
2021-01-31	Chelsea	Burnley	2	0
2021-02-04	Tottenham Hotspur	Chelsea	0	1
2021-02-07	Sheffield United	Chelsea	1	2
2021-02-15	Chelsea	Newcastle United	2	0
2021-02-20	Southampton	Chelsea	1	1

WINDOW FUNCTIONS

--Scorelist with the AVG
SELECT s.match_id, v.name AS venue, g.name AS gameweek, s.hometeam_goal,
awayteam_goal,
AVG(hometeam_goal + awayteam_goal) OVER() AS overall_avg
FROM scores s
JOIN venues v ON s.venue_id = v.id
JOIN gameweek g ON s.gameweek_id = g.id

120 % ▾

Results | **Messages**

	match_id	venue	gameweek	hometeam_goal	awayteam_goal	overall_avg
1	1001	Craven Cottage	Gameweek 1	0	3	2.697095
2	1002	Selhurst Park	Gameweek 1	1	0	2.697095
3	1003	Anfield	Gameweek 1	4	3	2.697095
4	1004	London Stadium	Gameweek 1	0	2	2.697095
5	1005	The Hawthorns	Gameweek 1	0	3	2.697095
6	1006	Tottenham Hotspur Stadium	Gameweek 1	0	1	2.697095
7	1007	Bramall Lane	Gameweek 1	0	2	2.697095
8	1008	Amex Stadium	Gameweek 1	1	3	2.697095
9	1009	Goodison Park	Gameweek 2	5	2	2.697095
10	1010	Elland Road	Gameweek 2	4	3	2.697095
11	1011	Old Trafford	Gameweek 2	1	3	2.697095
12	1012	Emirates Stadium	Gameweek 2	2	1	2.697095
13	1013	St Mary's Stadium	Gameweek 2	2	5	2.697095
14	1014	St James' Park	Gameweek 2	0	3	2.697095
15	1015	Stamford Bridge	Gameweek 2	0	2	2.697095
16	1016	King Power Stadium	Gameweek 2	4	2	2.697095
17	1017	Villa Park	Gameweek 2	1	0	2.697095
18	1018	Molineux	Gameweek 2	1	3	2.697095
19	1019	Amex Stadium	Gameweek 3	2	3	2.697095
20	1020	Selhurst Park	Gameweek 3	1	2	2.697095
21	1021	The Hawthorns	Gameweek 3	3	3	2.697095
22	1022	Turf Moor	Gameweek 3	0	1	2.697095
23	1023	Bramall Lane	Gameweek 3	0	1	2.697095
24	1024	Tottenham Hotspur Stadium	Gameweek 3	1	1	2.697095

--Venue ranking on Average goals
SELECT v.name AS venue,
ROUND(AVG(hometeam_goal + awayteam_goal), 2) AS avg_goals,
RANK() OVER(ORDER BY AVG(hometeam_goal + awayteam_goal)DESC) AS venue_rank
FROM venues v
JOIN scores ON v.id = scores.venue_id
GROUP BY v.name
ORDER BY venue_rank

120 %			

Results / Messages

	venue	avg_goals	venue_rank
1	Old Trafford	3.540000	1
2	The Hawthorns	3.330000	2
3	Villa Park	3.300000	3
4	Goodison Park	3.080000	4
5	St James' Park	3.000000	5
6	Anfield	2.920000	6
7	King Power Stadium	2.920000	7
8	Selhurst Park	2.920000	7
9	Elland Road	2.910000	9
10	Stamford Bridge	2.830000	10
11	London Stadium	2.750000	11
12	Etihad Stadium	2.670000	12
13	St Mary's Stadium	2.540000	13
14	Tottenham Hotspur Stadium	2.500000	14
15	Emirates Stadium	2.420000	15
16	Bramall Lane	2.250000	16
17	Molineux	2.230000	17
18	Amex Stadium	2.170000	18
19	Craven Cottage	2.000000	19
20	Turf Moor	1.850000	20

--Gameweek ranking on Average goals
SELECT g.name AS gameweek,
ROUND(AVG(hometeam_goal + awayteam_goal), 2) AS avg_goals,
RANK() OVER(ORDER BY AVG(hometeam_goal + awayteam_goal)DESC) AS
gameweek_rank
FROM gameweek g
JOIN scores ON g.id = scores.gameweek_id
GROUP BY g.name
ORDER BY gameweek_rank

120 %			

Results / Messages

	gameweek	avg_goals	gameweek_rank
1	Gameweek 2	4.400000	1
2	Gameweek 4	4.100000	2
3	Gameweek 3	3.600000	3
4	Gameweek 14	3.400000	4
5	Gameweek 11	3.330000	5
6	Gameweek 20	3.100000	6
7	Gameweek 22	3.100000	6
8	Gameweek 17	3.000000	8
9	Gameweek 7	3.000000	8
10	Gameweek 1	2.880000	10
11	Gameweek 24	2.830000	11
12	Gameweek 5	2.800000	12
13	Gameweek 23	2.600000	13
14	Gameweek 13	2.600000	13
15	Gameweek 10	2.500000	15
16	Gameweek 8	2.400000	16
17	Gameweek 15	2.300000	17
18	Gameweek 19	2.270000	18
19	Gameweek 21	2.000000	19
20	Gameweek 9	2.000000	19
21	Gameweek 6	1.900000	21
22	Gameweek 12	1.900000	21
23	Gameweek 16	1.500000	23
24	Gameweek 18	1.330000	24

Query executed successfully.

--Partitioning by a column
SELECT m.date, scores.venue_id, scores.hometeam_goal, scores.awayteam_goal,
CASE WHEN scores.hometeam_id = 9 THEN 'home' ELSE 'away' END AS Leeds,
AVG(hometeam_goal) OVER(PARTITION BY scores.venue_id) AS homeavg,
AVG(awayteam_goal) OVER(PARTITION BY scores.venue_id) AS awayavg
FROM scores
JOIN match m ON scores.match_id = m.id
JOIN gameweek g ON scores.gameweek_id = g.id
WHERE scores.hometeam_id = 9
OR scores.awayteam_id = 9
ORDER BY(hometeam_goal + awayteam_goal) DESC

	date	venue_id	hometeam_goal	awayteam_goal	Leeds	homeavg	awayavg
1	2020-12-20	13	6	2	away	6.000000	2.000000
2	2020-09-19	9	4	3	home	1.454545	1.454545
3	2020-12-16	9	5	2	home	1.454545	1.454545
4	2020-09-12	11	4	3	away	4.000000	3.000000
5	2021-02-14	1	4	2	away	4.000000	2.000000
6	2020-11-07	6	4	1	away	4.000000	1.000000
7	2020-11-02	9	1	4	home	1.454545	1.454545
8	2020-12-29	18	0	5	away	0.000000	5.000000
9	2021-01-31	10	1	3	away	1.000000	3.000000
10	2020-12-05	5	3	1	away	3.000000	1.000000
11	2020-12-11	9	1	2	home	1.454545	1.454545
12	2020-10-23	2	0	3	away	0.000000	3.000000
13	2021-01-26	14	1	2	away	1.000000	2.000000
14	2021-02-03	9	1	2	home	1.454545	1.454545
15	2021-01-02	17	3	0	away	3.000000	0.000000
16	2021-02-08	9	2	0	home	1.454545	1.454545
17	2020-10-03	9	1	1	home	1.454545	1.454545
18	2020-10-19	9	0	1	home	1.454545	1.454545
19	2021-01-16	9	0	1	home	1.454545	1.454545
20	2020-09-27	15	0	1	away	0.000000	1.000000
21	2020-11-28	7	0	1	away	0.000000	1.000000
22	2020-12-27	9	1	0	home	1.454545	1.454545
23	2021-02-19	20	1	0	away	1.000000	0.000000

--Assessing Running total of goals and AVG from Leicester when they are home
SELECT t.name AS team, gameweek.name, COUNT(*) AS goals,
SUM(COUNT(*)) OVER(ORDER BY match_id ROWS BETWEEN UNBOUNDED
PRECEDING AND CURRENT ROW) AS running_total
FROM goals g
JOIN teams t ON g.team_id = t.id
JOIN match m ON g.match_id = m.id
JOIN gameweek ON m.gameweek_id = gameweek.id
WHERE team_id = 10
GROUP BY match_id, gameweek.name, t.name

team	name	goals	running_total
Leicester City	Gameweek 1	3	3
Leicester City	Gameweek 2	4	7
Leicester City	Gameweek 3	5	12
Leicester City	Gameweek 6	1	13
Leicester City	Gameweek 7	4	17
Leicester City	Gameweek 8	1	18
Leicester City	Gameweek 10	1	19
Leicester City	Gameweek 11	2	21
Leicester City	Gameweek 12	3	24
Leicester City	Gameweek 14	2	26
Leicester City	Gameweek 15	2	28
Leicester City	Gameweek 16	1	29
Leicester City	Gameweek 17	2	31
Leicester City	Gameweek 19	2	33
Leicester City	Gameweek 19	2	35
Leicester City	Gameweek 20	1	36
Leicester City	Gameweek 21	1	37
Leicester City	Gameweek 22	2	39
Leicester City	Gameweek 24	3	42

TRIGGERS

--Database records an audit for each record entered via Trigger

```
CREATE TRIGGER tr_Goals_Insert
ON goals
FOR INSERT
AS
BEGIN
DECLARE @match_id INT
DECLARE @player_id INT
DECLARE @team_id INT
DECLARE @goal_time INT
DECLARE @goal_half INT
DECLARE @assist_id INT

SELECT @match_id = match_id, @player_id = player_id, @team_id = team_id, @goal_time
= goal_time, @goal_half = goal_half, @assist_id = assist_id FROM INSERTED

INSERT INTO goals_audit (id, audit) VALUES(@match_id, 'A goal has been added scored
by player ID number = ' + Cast(@player_id AS NVARCHAR(5)) +' ' + 'by Team ID number' +
' ' + Cast(@team_id AS NVARCHAR(5))
)

END
```

637	6...	1234	3924	19	90	2	3909
638	6...	1235	2518	5	31	1	NULL
639	6...	1235	2511	5	38	1	NULL
640	6...	1255	3206	12	56	2	3209
641	6...	1255	3206	12	56	2	3209

	id	audit
18	1207	Data with Match_id = 1207 changed
19	1207	Data with Match_id = 1207 changed
20	1207	Data with Match_id = 1207 changed
21	1207	Data with Match_id = 1207 has changed
22	1207	Data with Match_id = 1207 has changed
23	1207	Data with Match_id = 1207 has changed Player_ID from 3808 to 2608 Team_ID from 18 to 6
24	1205	A goal has been added scored by player ID number = 3810 by Team ID number 18
25	1224	A goal has been added scored by player ID number = 2922 by Team ID number 9
26	1255	A goal has been added scored by player ID number = 3206 by Team ID number 12
27	1255	A goal has been added scored by player ID number = 3206 by Team ID number 12

--Database records an audit for each record deleted
CREATE TRIGGER tr_goals_Delete
ON goals
FOR DELETE
AS
BEGIN
DECLARE @match_id INT
SELECT @match_id = match_id FROM DELETED

INSERT INTO goals_audit (id, audit) VALUES (@match_id, 'The goal(s) from match ID = ' + Cast(@match_id AS NVARCHAR(5)) + ' ' + 'has been deleted')

END

5	1255	A goal has been added scored by player ID number = 3206 by Team ID number 12
7	1255	A goal has been added scored by player ID number = 3206 by Team ID number 12
3	1255	The goal(s) from match ID = 1255 has been deleted

--Database records an audit for each record updated

CREATE TRIGGER TR_goals_forupdate
ON goals
FOR UPDATE
AS
BEGIN
DECLARE @match_id INT
DECLARE @OldPlayer_id INT, @NewPlayer_id INT
DECLARE @OldTeam_id INT, @NewTeam_id INT
DECLARE @OldGoal_time INT, @NewGoal_time INT
DECLARE @OldGoal_half INT, @NewGoal_half INT
DECLARE @OldAssist_id INT, @NewAssist_id INT

DECLARE @AuditString NVARCHAR(100)

SELECT * INTO #temptable FROM INSERTED

WHILE(EXISTS(SELECT match_id FROM #temptable))
BEGIN
SET @AuditString = ''

SELECT TOP 1 @match_id = match_id, @NewPlayer_id = player_id, @NewTeam_id = team_id, @NewGoal_time = goal_time, @NewGoal_half = goal_half, @NewAssist_id = assist_id FROM #temptable

SELECT @OldPlayer_id = player_id, @OldTeam_id = team_id, @OldGoal_time = goal_time, @OldGoal_half = goal_half, @OldAssist_id = assist_id FROM DELETED
WHERE match_id = @match_id

SET @AuditString = 'Data with Match_id = ' + Cast(@match_id AS NVARCHAR(5)) + ' ' + 'has changed'
IF (@OldPlayer_id <> @NewPlayer_id)

```
SET @AuditString = @AuditString + ' Player_ID from ' + Cast(@OldPlayer_id AS
NVARCHAR(5)) + ' to ' + Cast(@NewPlayer_id AS NVARCHAR(5))

IF (@OldTeam_id <> @NewTeam_id)
SET @AuditString = @AuditString + ' Team_ID from ' + CAST(@OldTeam_id AS
NVARCHAR(5)) + ' to ' + Cast(@NewTeam_id AS NVARCHAR(5))


INSERT INTO goals_Audit (id, audit) VALUES(@match_id, @AuditString)
DELETE FROM #TempTable WHERE match_id = @match_id

END

END
```
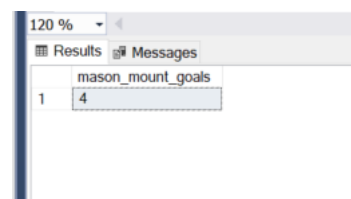
1207	Data with Match_id = 1207 has changed
1207	Data with Match_id = 1207 has changed Player_ID from 3808 to 2608 Team_ID from 18 to 6
1205	A goal has been added scored by player ID number = 3810 by Team ID number 18

UDFS
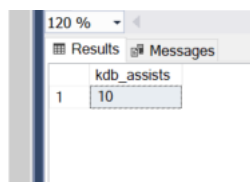
SELECT dbo.fnGetTotalGoalsByPlayer (2519) AS mason_mount_goals
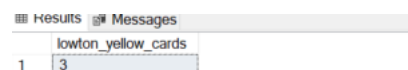
SELECT dbo.fnGetTotalAssistsByPlayer(3217) AS kdb_assists

SELECT dbo.fnGetTotalYellowCardsByPlayer(2402) AS lowton_yellow_cards

STORED PROCEDURES

Matchlist

id	date	time	gameweek	venue	hometeam	awayteam
1001	2020-09-12	12:30:00.0000000	Gameweek 1	Craven Cottage	Fulham	Arsenal
1002	2020-09-12	15:00:00.0000000	Gameweek 1	Selhurst Park	Crystal Palace	Southampton
1003	2020-09-12	17:30:00.0000000	Gameweek 1	Anfield	Liverpool	Leeds United
1004	2020-09-12	20:00:00.0000000	Gameweek 1	London Stadium	West Ham United	Newcastle United
1005	2020-09-13	14:00:00.0000000	Gameweek 1	The Hawthorns	West Bromwich Albion	Leicester City
1006	2020-09-13	16:30:00.0000000	Gameweek 1	Tottenham Hotspur Stadium	Tottenham Hotspur	Everton
1007	2020-09-14	18:00:00.0000000	Gameweek 1	Bramall Lane	Sheffield United	Wolverhampton Wanderers
1008	2020-09-14	20:15:00.0000000	Gameweek 1	Amex Stadium	Brighton & Hove Albion	Chelsea
1009	2020-09-19	12:30:00.0000000	Gameweek 2	Goodison Park	Everton	West Bromwich Albion
1010	2020-09-19	15:00:00.0000000	Gameweek 2	Elland Road	Leeds United	Fulham
1011	2020-09-19	17:30:00.0000000	Gameweek 2	Old Trafford	Manchester United	Crystal Palace
1012	2020-09-19	20:00:00.0000000	Gameweek 2	Emirates Stadium	Arsenal	West Ham United
1013	2020-09-20	12:00:00.0000000	Gameweek 2	St Mary's Stadium	Southampton	Tottenham Hotspur
1014	2020-09-20	14:00:00.0000000	Gameweek 2	St James' Park	Newcastle United	Brighton & Hove Albion
1015	2020-09-20	16:30:00.0000000	Gameweek 2	Stamford Bridge	Chelsea	Liverpool
1016	2020-09-20	19:00:00.0000000	Gameweek 2	King Power Stadium	Leicester City	Burnley
1017	2020-09-21	18:00:00.0000000	Gameweek 2	Villa Park	Aston Villa	Sheffield United
1018	2020-09-21	20:15:00.0000000	Gameweek 2	Molineux	Wolverhampton Wanderers	Manchester City
1019	2020-09-26	12:30:00.0000000	Gameweek 3	Amex Stadium	Brighton & Hove Albion	Manchester United
1020	2020-09-26	15:00:00.0000000	Gameweek 3	Selhurst Park	Crystal Palace	Everton
1021	2020-09-26	17:30:00.0000000	Gameweek 3	The Hawthorns	West Bromwich Albion	Chelsea
1022	2020-09-26	20:00:00.0000000	Gameweek 3	Turf Moor	Burnley	Southampton
1023	2020-09-27	12:00:00.0000000	Gameweek 3	Bramall Lane	Sheffield United	Leeds United

Scoreslist

Scoreslist

Results | Messages

match_id	gameweek	venue	hometeam	awayteam	hometeam_goal	awayteam_goal
1001	Gameweek 1	Craven Cottage	Fulham	Arsenal	0	3
1002	Gameweek 1	Selhurst Park	Crystal Palace	Southampton	1	0
1003	Gameweek 1	Anfield	Liverpool	Leeds United	4	3
1004	Gameweek 1	London Stadium	West Ham United	Newcastle United	0	2
1005	Gameweek 1	The Hawthorns	West Bromwich Albion	Leicester City	0	3
1006	Gameweek 1	Tottenham Hotspur Stadium	Tottenham Hotspur	Everton	0	1
1007	Gameweek 1	Bramall Lane	Sheffield United	Wolverhampton Wanderers	0	2
1008	Gameweek 1	Amex Stadium	Brighton & Hove Albion	Chelsea	1	3
1009	Gameweek 2	Goodison Park	Everton	West Bromwich Albion	5	2
1010	Gameweek 2	Elland Road	Leeds United	Fulham	4	3
1011	Gameweek 2	Old Trafford	Manchester United	Crystal Palace	1	3
1012	Gameweek 2	Emirates Stadium	Arsenal	West Ham United	2	1
1013	Gameweek 2	St Mary's Stadium	Southampton	Tottenham Hotspur	2	5
1014	Gameweek 2	St James' Park	Newcastle United	Brighton & Hove Albion	0	3
1015	Gameweek 2	Stamford Bridge	Chelsea	Liverpool	0	2
1016	Gameweek 2	King Power Stadium	Leicester City	Burnley	4	2
1017	Gameweek 2	Villa Park	Aston Villa	Sheffield United	1	0
1018	Gameweek 2	Molineux	Wolverhampton Wanderers	Manchester City	1	3
1019	Gameweek 3	Amex Stadium	Brighton & Hove Albion	Manchester United	2	3
1020	Gameweek 3	Selhurst Park	Crystal Palace	Everton	1	2
1021	Gameweek 3	The Hawthorns	West Bromwich Albion	Chelsea	3	3
1022	Gameweek 3	Turf Moor	Burnley	Southampton	0	1
1023	Gameweek 3	Bramall Lane	Sheffield United	Leeds United	0	1
1024	Gameweek 3	Tottenham Hotspur Stadium	Tottenham Hotspur	Newcastle United	1	1
1025	Gameweek 3	Etihad Stadium	Manchester City	Leicester City	2	5
1026	Gameweek 3	London Stadium	West Ham United	Wolverhampton Wanderers	4	0
1027	Gameweek 3	Craven Cottage	Fulham	Aston Villa	0	3
1028	Gameweek 3	Anfield	Liverpool	Arsenal	3	1
1029	Gameweek 4	Stamford Bridge	Chelsea	Crystal Palace	4	0
1030	Gameweek 4	Goodison Park	Everton	Brighton & Hove Albion	4	2
1031	Gameweek 4	Elland Road	Leeds United	Manchester City	1	1
1032	Gameweek 4	St James' Park	Newcastle United	Burnley	3	1
1033	Gameweek 4	King Power Stadium	Leicester City	Wolverhampton Wanderers	0	3
1034	Gameweek 4	St Mary's Stadium	Southampton	West Bromwich Albion	2	0
1035	Gameweek 4	Emirates Stadium	Arsenal	Sheffield United	2	1
1036	Gameweek 4	Molineux	Wolverhampton Wanderers	Fulham	1	0
1037	Gameweek 4	Old Trafford	Manchester United	Tottenham Hotspur	1	6
1038	Gameweek 4	Villa Park	Aston Villa	Liverpool	7	2

G_And_A

G_and_A

20 % ▼

Results | Messages

	match_id	goalscorer	team	goal_time	goal_half	assist
1	1001	Alexandre Lacazette	Arsenal	8	1	NULL
2	1001	Gabriel	Arsenal	49	2	Willian
3	1001	Pierre-Emerick Aubameyang	Arsenal	57	2	Willian
4	1002	Wilfried Zaha	Crystal Palace	13	1	Andros Townsend
5	1003	Mohamed Salah	Liverpool	4	1	NULL
6	1003	Jack Harrison	Leeds United	12	1	Kalvin Phillips
7	1003	Virgil van Dijk	Liverpool	20	1	Andrew Robertson
8	1003	Patrick Bamford	Leeds United	30	1	NULL
9	1003	Mohamed Salah	Liverpool	33	1	NULL
10	1003	Mateusz Klich	Leeds United	66	2	Helder Costa
11	1003	Mohamed Salah	Liverpool	88	2	NULL
12	1004	Callum Wilson	Newcastle United	56	2	Jeff Hendrick
13	1004	Jeff Hendrick	Newcastle United	87	2	Miguel Almiron
14	1005	Timothy Castagne	Leicester City	56	2	Dennis Praet
15	1005	Jamie Vardy	Leicester City	74	2	NULL
16	1005	Jamie Vardy	Leicester City	84	2	NULL
17	1006	Dominic Calvert-Lewin	Everton	55	2	Lucas Digne
18	1007	Raul Jimenez	Wolverhampton Wanderers	3	1	Daniel Podence
19	1007	Romain Saiss	Wolverhampton Wanderers	6	1	Pedro Neto
20	1008	Jorginho	Chelsea	23	1	NULL
21	1008	Leandro Trossard	Brighton & Hove Albion	54	2	Tariq Lamptey
22	1008	Reece James	Chelsea	56	2	Jorginho
23	1008	Kurt Zouma	Chelsea	66	2	Reece James
24	1009	Grady Diangana	West Bromwich Albion	10	1	Matheus Pereira
25	1009	Dominic Calvert-Lewin	Everton	32	1	NULL
26	1009	James Rodríguez	Everton	45	1	Richarlison
27	1009	Matheus Pereira	West Bromwich Albion	47	2	NULL
28	1009	Michael Keane	Everton	54	2	NULL
29	1009	Dominic Calvert-Lewin	Everton	62	2	Richarlison
30	1009	Dominic Calvert-Lewin	Everton	66	2	James Rodríguez
31	1010	Helder Costa	Leeds United	5	1	NULL
32	1010	Aleksandar Mitrovic	Fulham	34	1	NULL
33	1010	Mateusz Klich	Leeds United	41	1	NULL
34	1010	Patrick Bamford	Leeds United	50	2	Mateusz Klich
35	1010	Helder Costa	Leeds United	57	2	Patrick Bamford
36	1010	Bobby Decordova-Reid	Fulham	62	2	Oliver Casey
37	1010	Aleksandar Mitrovic	Fulham	67	2	Kenny Tete
38	1011	Andros Townsend	Crystal Palace	7	1	Jeffrey Schlupp
39	1011	Wilfried Zaha	Crystal Palace	74	2	NULL

Cardlist

Cardlist

Results | Messages

match_id	player	team	card	card_time
1001	Michael Hector	Fulham	Yellow	26
1001	Pierre-Emerick Aubameyang	Arsenal	Yellow	39
1001	Hector Bellerin	Arsenal	Yellow	55
1001	Tom Cairney	Fulham	Yellow	61
1002	Jeffrey Schlupp	Crystal Palace	Yellow	41
1002	Kyle Walker-Peters	Southampton	Yellow	51
1002	James McCarthy	Crystal Palace	Yellow	58
1003	Roberto Firmino	Liverpool	Yellow	76
1004	Isaac Hayden	Newcastle United	Yellow	13
1004	Ryan Fredericks	West Ham United	Yellow	54
1004	Javier Manquillo	Newcastle United	Yellow	68
1004	Andriy Yarmolenko	West Ham United	Yellow	70
1005	James Justin	Leicester City	Yellow	16
1005	Semi Ajayi	West Bromwich Albion	Yellow	63
1006	Pierre-Emile Hojbjerg	Tottenham Hotspur	Yellow	85
1007	John Egan	Sheffield United	Yellow	33
1007	Oli McBurnie	Sheffield United	Yellow	39
1007	Marcal	Wolverhampton Wanderers	Yellow	90
1008	Tariq Lamptey	Brighton & Hove Albion	Yellow	81
1009	Abdoulaye Doucoure	Everton	Yellow	16
1009	Kieran Gibbs	West Bromwich Albion	Red	45
1010	Mateusz Klich	Leeds United	Yellow	82
1010	Aleksandar Mitrovic	Fulham	Yellow	88
1010	Kenny Tete	Fulham	Yellow	90
1011	Joel Ward	Crystal Palace	Yellow	55
1011	Timothy Fosu-Mensah	Manchester United	Yellow	58
1011	Harry Maguire	Manchester United	Yellow	64
1012	Ryan Fredericks	West Ham United	Yellow	40
1013	Oriol Romeu	Southampton	Yellow	5
1013	Che Adams	Southampton	Yellow	39
1013	Ryan Bertrand	Southampton	Yellow	44
1013	Tanguy Ndombele	Tottenham Hotspur	Yellow	45
1013	Jack Stephens	Southampton	Yellow	68
1013	Matt Doherty	Tottenham Hotspur	Yellow	79
1013	Giovani Lo Celso	Tottenham Hotspur	Yellow	90
1014	Jonjo Shelvey	Newcastle United	Yellow	12
1014	Jamal Lewis	Newcastle United	Yellow	25
1014	Jamaal Lascelles	Newcastle United	Yellow	34
1014	Yves Bissouma	Brighton & Hove Albion	Red	89