

Practical 3: South African Soccer Dataset – SQL

1. View the first 100 rows of the dataset to understand its structure.

```
41 | ---1. View the first 100 rows of the dataset to understand its structure.
42 | SELECT top 100 * FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
43 |
100 % No issues found | Ln: 39 Ch: 76 SPC CRLF
Results Messages
player_name team date_of_birth age marital_status number_of_kids nationality country_of_birth position preferred_foot height_cm weight_kg jersey_number injury_status agent matcl
1 Siyanda Dlamini Stellenbosch FC 1995-05-28 30 Widowed 0 South African South African Defender Right 167 71 35 Recovering SA Elite Agents 53
2 Thabo Ndlovu Cape Town City 2004-06-01 21 Single 1 Zimbabwean Zimbabwean Forward Right 183 73 40 Recovering SoccerLink Africa 272
3 Vusi Molefe Stellenbosch FC 2008-09-20 19 Single 0 Nigerian Nigerian Forward Left 167 66 65 Recovering PlayerFirst 398
4 Thembi Mahlangu Bloemfontein Celtic 2004-02-08 21 Divorced 0 Zambian Zambian Goalkeeper Left 166 93 24 Injured None 135
5 Nokuthula Sithole Polokwane City 2003-03-18 22 Divorced 3 Nigerian Nigerian Goalkeeper Both 193 88 79 Injured SoccerLink Africa 116
6 Thembi Sithole Kaizer Chiefs 1989-02-14 36 Married 2 Nigerian Nigerian Goalkeeper Left 193 79 54 Healthy ProSport 279
7 Siyanda Mahlangu Chippa United 1989-12-09 36 Single 0 Zambian Zambian Defender Both 181 67 27 Healthy SoccerLink Africa 18
8 Lerato Mashaba Polokwane City 1998-01-31 27 Widowed 0 Ghanaian Ghanaian Forward Right 181 65 85 Healthy None 241
9 Nomza Mahlangu Polokwane City 1991-07-16 34 Divorced 0 Malawian Malawian Forward Left 171 81 83 Recovering PlayerFirst 322
10 Tumelo Khumalo Kaizer Chiefs 1996-08-28 29 Married 4 Malawian Malawian Forward Both 175 95 62 Healthy None 252
11 Gugu Molefe TS Galaxy 2007-01-29 18 Widowed 0 South African South African Defender Left 188 85 32 Recovering None 379
12 Thembi Mokoena Stellenbosch FC 1995-07-03 30 Widowed 0 Zimbabwean Zimbabwean Goalkeeper Right 175 92 42 Healthy SoccerLink Africa 296
13 Thabo Sithole Bloemfontein Celtic 2000-12-17 25 Single 0 Zimbabwean Zimbabwean Midfielder Both 173 61 37 Recovering ProSport 229
14 Gugu Mabena SuperSport United 2000-09-19 25 Widowed 0 Zambian Zambian Goalkeeper Right 176 68 96 Healthy None 155
15 Kagiso Phiri Bloemfontein Celtic 1990-06-30 35 Divorced 0 Zambian Zambian Midfielder Both 173 93 61 Recovering SoccerLink Africa 175
16 Thembi Tshabalala... Cape Town City 2003-01-22 22 Married 4 Ghanaian Ghanaian Defender Both 195 84 48 Healthy ProSport 324
17 Sibusiso Molefe Bloemfontein Celtic 2004-05-31 21 Widowed 0 Ghanaian Ghanaian Midfielder Right 194 67 93 Healthy SoccerLink Africa 349
18 Lerato Tshabalala Royal AM 1992-10-24 33 Married 1 Malawian Malawian Goalkeeper Both 188 75 57 Recovering SA Elite Agents 168
19 Kagiso Tshabalala Sekhukhune Unit... 2006-09-12 19 Widowed 1 Zambian Zambian Midfielder Both 185 83 67 Injured None 375
20 Gugu Hlongwane Polokwane City 1997-11-25 28 Divorced 3 Zimbabwean Zimbabwean Forward Both 184 60 8 Recovering SoccerLink Africa 307
21 Ayanda Sithole Golden Arrows 1993-07-22 32 Widowed 0 South African South African Midfielder Both 177 68 99 Healthy None 60
22 Mandla Baloyi Kaizer Chiefs 2001-02-11 24 Married 1 Nigerian Nigerian Midfielder Both 181 62 43 Recovering PlayerFirst 131
23 Nokuthula Baloyi Cape Town City 1991-03-15 34 Single 0 Ghanaian Ghanaian Goalkeeper Both 185 84 6 Injured SoccerLink Africa 164
24 Zanele Molefe SuperSport United 1999-08-13 26 Divorced 3 South African South African Midfielder Left 183 65 5 Recovering SA Elite Agents 232
25 Karabo Mthembu Bloemfontein Celtic 2000-07-30 25 Married 2 South African South African Defender Right 191 61 94 Recovering SoccerLink Africa 178
26 Thembi Zulu Sekhukhune Unit... 2003-01-10 22 Divorced 2 Zimbabwean Zimbabwean Forward Both 179 82 92 Injured SA Elite Agents 3
27 Khanyi Baloyi Royal AM 1990-02-13 35 Divorced 0 Mozambican Mozambican Defender Both 181 64 27 Injured PlayerFirst 208
28 Karabo Phiri Chippa United 2006-05-12 19 Single 0 Malawian Malawian Midfielder Both 173 78 54 Recovering SoccerLink Africa 356
29 Ayanda Molefe Chippa United 1999-03-24 26 Married 4 Ghanaian Ghanaian Forward Right 187 74 93 Recovering PlayerFirst 221
30 Nokuthula Mabena Golden Arrows 2007-10-10 18 Divorced 2 Malawian Malawian Goalkeeper Left 193 73 44 Healthy PlayerFirst 30
31 Tumelo Mokoena SuperSport United 2004-11-22 21 Divorced 1 South African South African Forward Both 167 68 66 Recovering SA Elite Agents 326
32 Tumelo Mthembu Polokwane City 2005-03-04 20 Single 0 Zimbabwean Zimbabwean Forward Both 167 74 36 Healthy None 59
33 Thembi Mashaba Orlando Pirates 2007-08-22 18 Divorced 0 Zimbabwean Zimbabwean Goalkeeper Both 182 81 68 Injured SoccerLink Africa 179
34 Karabo Hlongwa... Bloemfontein Celtic 2004-12-02 21 Single 1 Mozambican Mozambican Forward Both 179 81 34 Recovering SoccerLink Africa 185
35 Kagiso Zulu Mamelodi Sundowns 2005-10-02 20 Divorced 2 Malawian Malawian Midfielder Both 184 67 98 Healthy ProSport 327
36 Tumelo Ngobeni Stellenbosch FC 1997-07-29 28 Married 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
37 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
38 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
39 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
40 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
41 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
42 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
43 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
44 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
45 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
46 Tumelo Ngobeni Stellenbosch FC 2000-08-20 28 Divorced 4 Zimbabwean Zimbabwean Midfielder Right 190 88 83 Injured PlayerFirst 137
```

✓ Query executed successfully. | U188163118 (16.0 RTM) | ELEC\RamogaBK (54) | master | 00:00:00 | 100 rows

2. Count the total number of players in the dataset.

```
44 | ---2. Count the total number of players in the dataset.
45 | SELECT count(*) as Total_Players FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
46 |
100 % No issues found | Ln: 45 Ch: 1 SPC CRLF
Results Messages
Total_Players
1 300
```

3. List all unique teams in the league.

```

47 | ---3. List all unique teams in the league.
48 | SELECT DISTINCT team FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
100 % No issues found

```

Results

	team
1	AmaZulu FC
2	Bloemfontein Celtic
3	Cape Town City
4	Chippa United
5	Golden Arrows
6	Kaizer Chiefs
7	Mamelodi Sundowns
8	Moroka Swallows
9	Orlando Pirates
10	Polokwane City
11	Richards Bay FC
12	Royal AM
13	Sekhukhune United
14	Stellenbosch FC
15	SuperSport United
16	TS Galaxy

4. Count how many players are in each team.

```

50 | ---4. Count how many players are in each team.
51 | SELECT team, COUNT(*) AS PlayerCount
52 | FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
53 | GROUP BY team
100 % No issues found

```

Results

	team	PlayerCount
1	AmaZulu FC	22
2	Bloemfontein Celtic	17
3	Cape Town City	15
4	Chippa United	21
5	Golden Arrows	23
6	Kaizer Chiefs	20
7	Mamelodi Sundowns	19
8	Moroka Swallows	19
9	Orlando Pirates	9
10	Polokwane City	27
11	Richards Bay FC	13
12	Royal AM	18
13	Sekhukhune United	17
14	Stellenbosch FC	20
15	SuperSport United	20
16	TS Galaxy	20

5. Identify the top 10 players with the most goals.

```

54 |
55 | ---5. Identify the top 10 players with the most goals.
56 | SELECT TOP 10 player_name, team, goals
57 | FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
58 | ORDER BY goals DESC;
100 % No issues found

```

Results

	player_name	team	goals
1	Siyanda Mabena	Sekhukhune United	118
2	Kagiso Phiri	Richards Bay FC	117
3	Zanele Phiri	TS Galaxy	117
4	Zanele Molefe	SuperSport United	116
5	Nokuthula Mabena	SuperSport United	114
6	Lindiwe Molefe	Chippa United	114
7	Nokuthula Mthembu	Mamelodi Sundowns	114
8	Karabo Phiri	Chippa United	114
9	Lindiwe Radebe	Chippa United	113
10	Vusi Mabena	Richards Bay FC	113

6. Find the average salary for players in each team.

```
60    ---6. Find the average salary for players in each team.
61    SELECT team, AVG(average_salary_zar) AS AverageSalary
62    FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
63    GROUP BY team
100 %  No issues found
```

team	AverageSalary
1 AmaZulu FC	172467.567826705
2 Bloemfontein Celtic	163683.839154412
3 Cape Town City	208407.431770833
4 Chippa United	180947.63374256
5 Golden Arrows	199057.643851902
6 Kaizer Chiefs	188954.461621094
7 Mamelodi Sundowns	194404.484375
8 Moroka Swallows	186736.828330592
9 Orlando Pirates	178570.592881944
10 Polokwane City	171738.77314815
11 Richards Bay FC	193006.200270433
12 Royal AM	209078.330729167
13 Sekhukhune United	169945.162683824
14 Stellenbosch FC	182326.734960937
15 SuperSport United	195482.980664062
16 TS Galaxy	184719.574609375

7. Retrieve the top 10 players with the highest market value.

```
64
65    ---7. Retrieve the top 10 players with the highest market value.
66    SELECT TOP 10 player_name, team, market_value_zar
67    FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
68    ORDER BY market_value_zar DESC
69
100 %  No issues found
```

	player_name	team	market_value_zar
1	Ayanda Mabaso	Bloemfontein Celtic	24979190
2	Lebogang Mabena	Mamelodi Sundowns	24887822
3	Gugu Mashaba	Moroka Swallows	24868294
4	Kagiso Mokoena	Golden Arrows	24550182
5	Boitumelo Radebe	Sekhukhune United	24540830
6	Thabo Ndlovu	Mamelodi Sundowns	24380712
7	Sipho Mashaba	Golden Arrows	24342132
8	Lerato Ngobeni	AmaZulu FC	24231618
9	Thabo Tshabalala	Cape Town City	24229792
10	Lerato Tshabalala	Chippa United	24226786

8. Calculate the average passing accuracy for each position.

```
70    ---8. Calculate the average passing accuracy for each position.
71    SELECT position, AVG(passing_accuracy) AS AvgPassingAccuracy
72    FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
73    GROUP BY position
74
100 %  No issues found
```

position	AvgPassingAccuracy
1 Defender	82.6642859322684
2 Forward	83.210843373494
3 Goalkeeper	83.9397055682014
4 Midfielder	82.817721596247

9. Compare shot accuracy with goals to find correlations.

```
74
75    ---9. Compare shot accuracy with goals to find correlations.
76    SELECT player_name, goals, shot_accuracy
77    FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
```

100 % No issues found

Results Messages

	player_name	goals	shot_accuracy
1	Siyanda Dlamini	9	83.6999969482422
2	Thabo Ndlovu	98	68.4000015258789
3	Vusi Molefe	99	79
4	Thembi Mahlangu	1	42.9000015258789
5	Nokuthula Sithole	2	74
6	Thembi Sithole	3	70.6999969482422
7	Siyanda Mahlangu	6	54.2000007629395
8	Lerato Mashaba	77	68.5
9	Nomsa Mahlangu	80	56.0999984741211
10	Tumelo Khumalo	48	46
11	Gugu Molefe	7	83.1999969482422
12	Thembi Mokoena	1	56.7000007629395
13	Thabo Sithole	14	80.5999984741211
14	Gugu Mabena	4	80
15	Kagiso Phiri	41	73.1999969482422
16	Thembi Tshabalala	7	76.6999969482422
17	Sibusiso Molefe	48	51.0999984741211
18	Lerato Tshabalala	10	56.7999992370605
19	Kagiso Tshabalala	36	64.4000015258789
20	Gugu Hlongwane	98	81.0999984741211
21	Ayanda Sithole	107	54
22	Mandla Baloyi	89	54.0999984741211
23	Nokuthula Baloyi	7	62.7999992370605
24	Zanele Molefe	116	61.2000007629395
25	Karabo Mthembu	5	41.5
26	Thembi Zulu	72	70
27	Khanyi Baloyi	2	54.7999992370605
28	Karabo Phiri	72	64.5
29	Ayanda Molefe	26	61.0999984741211
30	Nokuthula Mabena	7	53.5999984741211
31	Tumelo Mokoena	11	62.5
32	Tumelo Mthembu	19	76.9000015258789
33	Thembi Mashaba	4	84.8000030517578
34	Karabo Hlongwane	43	60.7000007629395
35	Kagiso Zulu	89	59.5
36	Tumelo Ngobeni	32	63.5999984741211
37	Thembi Zulu	4	77.6999969482422

10. Compute total goals and assists for each team.

```

79   ---10. Compute total goals and assists for each team.
80   SELECT team,
81         SUM(goals) AS TotalGoals,
82         SUM(assists) AS TotalAssists
83   FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
84   GROUP BY team
85
100 %  No issues found

```

Results

	team	TotalGoals	TotalAssists
1	AmaZulu FC	546	568
2	Bloemfontein Celtic	613	566
3	Cape Town City	374	284
4	Chippa United	684	205
5	Golden Arrows	676	519
6	Kaizer Chiefs	597	481
7	Mamelodi Sundowns	570	475
8	Moroka Swallows	729	452
9	Orlando Pirates	170	225
10	Polokwane City	1300	783
11	Richards Bay FC	453	273
12	Royal AM	544	480
13	Sekhukhune United	842	608
14	Stellenbosch FC	725	514
15	SuperSport United	580	514
16	TS Galaxy	541	337

11. Count players by their marital status.

```

85
86   ---11. Count players by their marital status.
87   SELECT marital_status, COUNT(*) AS PlayerCount
88   FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
89   GROUP BY marital_status
90
90 %  No issues found

```

Results

	marital_status	PlayerCount
1	Divorced	78
2	Married	65
3	Single	79
4	Widowed	78

12. Count players by nationality.

```

90
91   ---12. Count players by nationality.
92   SELECT nationality, COUNT(*) AS PlayerCount
93   FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
94   GROUP BY nationality
95
100 %  No issues found

```

Results

	nationality	PlayerCount
1	Ghanian	47
2	Malawian	42
3	Mozambican	37
4	Nigerian	39
5	South African	46
6	Zambian	44
7	Zimbabwean	45

13. Find average market value grouped by nationality.

```
95
96    ---13. Find average market value grouped by nationality.
97    SELECT nationality, AVG(market_value_zar) AS AvgMarketValue
98    FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
99    GROUP BY nationality
100
```

100 % No issues found

Results Messages

	nationality	AvgMarketValue
1	Ghanaian	12298308.0079787
2	Malawian	11727296.014881
3	Mozambican	14736203.4746622
4	Nigerian	15069261.3477564
5	South African	12037870.1983696
6	Zambian	12777043.0852273
7	Zimbabwean	10367909.4708333

14. Determine how many player contracts end in each year.

```
100
101    ---14. Determine how many player contracts end in each year.
102    SELECT contract_end_year,
103        COUNT(*) AS PlayersWithContractsEnding
104    FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
105    GROUP BY contract_end_year
106
```

100 % No issues found

Results Messages

	contract_end_year	PlayersWithContractsEnding
1	2026	63
2	2027	70
3	2028	52
4	2029	50
5	2030	65

15. Identify players whose contracts end next year.

```

106
107     ---15. Identify players whose contracts end next year.
108     SELECT player_name, team, contract_end_year
109     FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
110     WHERE contract_end_year = YEAR(GETDATE()) + 1
111

```

% No issues found

Results Messages

player_name	team	contract_end_year
Siyanda Dlamini	Stellenbosch FC	2026
Vusi Molefe	Stellenbosch FC	2026
Nokuthula Sithole	Polokwane City	2026
Siyanda Mahlangu	Chippa United	2026
Nomsa Mahlangu	Polokwane City	2026
Thembi Mokoena	Stellenbosch FC	2026
Thabo Sithole	Bloemfontein Celtic	2026
Kagiso Phiri	Bloemfontein Celtic	2026
Thembi Tshabalala	Cape Town City	2026
Mandla Baloyi	Kaizer Chiefs	2026
Tumelo Mokoena	SuperSport United	2026
Thembi Mashaba	Orlando Pirates	2026
Lerato Mabena	Cape Town City	2026
Lindiwe Radebe	Golden Arrows	2026
Sipho Ndlovu	Stellenbosch FC	2026
Lebogang Phiri	SuperSport United	2026
Sibusiso Radebe	Polokwane City	2026
Sipho Khumalo	TS Galaxy	2026
Thabo Sithole	TS Galaxy	2026
Zanele Phiri	TS Galaxy	2026
Ayanda Mabaso	Bloemfontein Celtic	2026
Karabo Mokoena	Royal AM	2026
Lindiwe Mabaso	TS Galaxy	2026
Gugu Tshabalala	TS Galaxy	2026
Mandla Mahlangu	Cape Town City	2026
Gugu Mashaba	Kaizer Chiefs	2026
Thembi Dlamini	Golden Arrows	2026
Vusi Radebe	Moroka Swallows	2026
Lindiwe Zulu	Kaizer Chiefs	2026
Sipho Phiri	Royal AM	2026
Zanele Zulu	Polokwane City	2026
Kagiso Molefe	AmaZulu FC	2026
Sipho Mashaba	Golden Arrows	2026
Sipho Mabaso	Golden Arrows	2026

16. Summarize the number of players by injury status.

```

111
112   ---16. Summarize the number of players by injury status.
113   SELECT injury_status, COUNT(*) AS PlayerCount
114     FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
115   GROUP BY injury_status
116

```

00 % No issues found

injury_status	PlayerCount
Healthy	99
Injured	97
Recovering	104

17. Calculate goals per match ratio for each player.

```

117   ---17. Calculate goals per match ratio for each player.
118   SELECT player_name,
119       team,
120       goals,
121       matches_played,
122       CAST(goals AS FLOAT) / NULLIF(matches_played, 0) AS GoalsPerMatch
123   FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
124

```

100 % No issues found

	player_name	team	goals	matches_played	GoalsPerMatch
1	Siyanda Dlamini	Stellenbosch FC	9	53	0.169811320754717
2	Thabo Ndlovu	Cape Town City	98	272	0.360294117647059
3	Vusi Molefe	Stellenbosch FC	99	398	0.248743718592965
4	Thembi Mahlangu	Bloemfontein Celtic	1	135	0.00740740740740741
5	Nokuthula Sithole	Polokwane City	2	116	0.0172413793103448
6	Thembi Sithole	Kaizer Chiefs	3	279	0.010752688172043
7	Siyanda Mahlangu	Chippa United	6	18	0.333333333333333
8	Lerato Mashaba	Polokwane City	77	241	0.319502074688797
9	Nomsa Mahlangu	Polokwane City	80	322	0.248447204968944
10	Tumelo Khumalo	Kaizer Chiefs	48	252	0.19047619047619
11	Gugu Molefe	TS Galaxy	7	379	0.0184696569920844
12	Thembi Mokoena	Stellenbosch FC	1	296	0.00337837837837838
13	Thabo Sithole	Bloemfontein Celtic	14	229	0.0611353711790393
14	Gugu Mabena	SuperSport United	4	155	0.0258064516129032
15	Kagiso Phiri	Bloemfontein Celtic	41	175	0.234285714285714
16	Thembi Tshabalala	Cape Town City	7	324	0.0216049382716049
17	Sibusiso Molefe	Bloemfontein Celtic	48	349	0.137535816618911
18	Lerato Tshabalala	Royal AM	10	168	0.0595238095238095
19	Kagiso Tshabalala	Sekhukhune United	36	375	0.096
20	Gugu Hlongwane	Polokwane City	98	307	0.319218241042345
21	Ayanda Sithole	Golden Arrows	107	60	1.78333333333333
22	Mandla Baloyi	Kaizer Chiefs	89	131	0.679389312977099
23	Nokuthula Baloyi	Cape Town City	7	164	0.0426829268292683
24	Zanele Molefe	SuperSport United	116	232	0.5
25	Karabo Mthembu	Bloemfontein Celtic	5	178	0.0280898876404494
26	Thembi Zulu	Sekhukhune United	72	3	24
27	Khanyi Baloyi	Royal AM	2	208	0.00961538461538462
28	Karabo Phiri	Chippa United	72	356	0.202247191011236
29	Ayanda Molefe	Chippa United	26	221	0.117647058823529
30	Nokuthula Mabena	Golden Arrows	7	30	0.233333333333333
31	Tumelo Mokoena	SuperSport United	11	326	0.0337423312883436
32	Tumelo Mthembu	Polokwane City	19	59	0.322033898305085
33	Thembi Mashaba	Orlando Pirates	4	179	0.0223463687150838

18. Count how many players are managed by each agent.

```
125  ---18. Count how many players are managed by each agent.
126  SELECT agent, COUNT(*) AS PlayerCount
127  FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
128  GROUP BY agent
129  ORDER BY PlayerCount DESC
```

100 % No issues found

	agent	PlayerCount
1	PlayerFirst	63
2	ProSport	62
3	None	62
4	SoccerLink Africa	62
5	SA Elite Agents	51

19. Calculate average height and weight by player position.

```
130
131  ---19. Calculate average height and weight by player position.
132  SELECT position,
133      AVG(height_cm) AS AvgHeight,
134      AVG(weight_kg) AS AvgWeight
135  FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
136  GROUP BY position
137
```

100 % No issues found

	position	AvgHeight	AvgWeight
1	Defender	182	78
2	Forward	179	78
3	Goalkeeper	179	78
4	Midfielder	179	76

20. Identify players with the highest combined goals and assists.

```
138  ---20. Identify players with the highest combined goals and assists.
139  SELECT TOP 10 player_name,
140      team,
141      (goals + assists) AS TotalContributions
142  FROM [SoccerAnalysis_Db1].[dbo].[ketro_sa_soccer_dataset_advanced]
143  ORDER BY TotalContributions DESC;
```

100 % No issues found

	player_name	team	TotalContributions
1	Siyanda Mabena	Sekhukhune United	193
2	Zanele Molefe	SuperSport United	192
3	Vusi Radebe	Stellenbosch FC	188
4	Ayanda Sithole	Golden Arrows	179
5	Ayanda Sithole	Bloemfontein Celtic	178
6	Vusi Molefe	Stellenbosch FC	176
7	Thembi Phiri	Royal AM	173
8	Gugu Mahlangu	Bloemfontein Celtic	171
9	Nokuthula Mabena	SuperSport United	167
10	Khanyi Baloyi	Bloemfontein Celtic	163