In [1]: ▶ import pandas as pd

In [2]: M df = pd.read_csv("IPL IMB381IPL2013.csv")

In [3]: ► df

Out[3]:

	SI.NO.	PLAYER NAME	AGE	COUNTRY	TEAM	PLAYING ROLE	T- RUNS	T- WKTS	ODI- RUNS- S	ODI- SR-B	
0	1	Abdulla, YA	2	SA	KXIP	Allrounder	0	0	0	0.00	
1	2	Abdur Razzak	2	BAN	RCB	Bowler	214	18	657	71.41	
2	3	Agarkar, AB	2	IND	KKR	Bowler	571	58	1269	80.62	
3	4	Ashwin, R	1	IND	CSK	Bowler	284	31	241	84.56	
4	5	Badrinath, S	2	IND	CSK	Batsman	63	0	79	45.93	
125	126	Yadav, AS	2	IND	DC	Batsman	0	0	0	0.00	
126	127	Younis Khan	2	PAK	RR	Batsman	6398	7	6814	75.78	
127	128	Yuvraj Singh	2	IND	KXIP+	Batsman	1775	9	8051	87.58	
128	129	Zaheer Khan	2	IND	MI+	Bowler	1114	288	790	73.55	
129	130	Zoysa, DNT	2	SL	DC	Bowler	288	64	343	95.81	

130 rows × 26 columns

In [4]: ► df.info()

0	S1.NO.	130 non-null	int64				
1	PLAYER NAME	130 non-null	object				
2	AGE	130 non-null	int64				
3	COUNTRY	130 non-null	object				
4	TEAM	130 non-null	object				
5	PLAYING ROLE	130 non-null	object				
6	T-RUNS	130 non-null	int64				
7	T-WKTS	130 non-null	int64				
8	ODI-RUNS-S	130 non-null	int64				
9	ODI-SR-B	130 non-null	float64				
10	ODI-WKTS	130 non-null	int64				
11	ODI-SR-BL	130 non-null	float64				
12	CAPTAINCY EXP	130 non-null	int64				
13	RUNS-S	130 non-null	int64				
14	HS	130 non-null	int64				
15	AVE	130 non-null	float64				
16	SR-B	130 non-null	float64				
17	SIXERS	130 non-null	int64				
18	RUNS-C	130 non-null	int64				
19	WKTS	130 non-null	int64				
20	AVE-BL	130 non-null	float64				
21	ECON	130 non-null	float64				
22	SR-BL	130 non-null	float64				
23	AUCTION YEAR	130 non-null	int64				
24	BASE PRICE	130 non-null	int64				
25	SOLD PRICE	130 non-null	int64				
dtype	es: float64(7),	int64(15), object(4)					
mamai	NV 1152GO: 26 5±	V D					

memory usage: 26.5+ KB

¹⁾No null value in dataset

²⁾No need to change data types

In [5]: ▶	df.describe()		
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Out[5]:

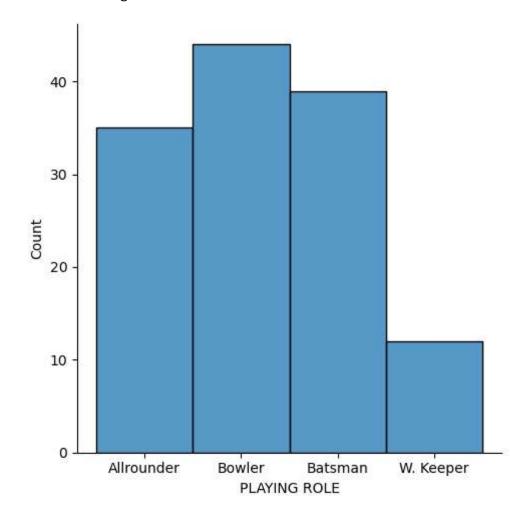
	SI.NO.	AGE	T-RUNS	T-WKTS	ODI-RUNS-S	ODI-SR-B	ODI-Wł
count	130.000000	130.000000	130.000000	130.000000	130.000000	130.000000	130.000
mean	65.500000	2.092308	2166.715385	66.530769	2508.738462	71.164385	76.076
std	37.671829	0.576627	3305.646757	142.676855	3582.205625	25.898440	111.205
min	1.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000
25%	33.250000	2.000000	25.500000	0.000000	73.250000	65.650000	0.000
50%	65.500000	2.000000	542.500000	7.000000	835.000000	78.225000	18.500
75%	97.750000	2.000000	3002.250000	47.500000	3523.500000	86.790000	106.000
max	130.000000	3.000000	15470.000000	800.000000	18426.000000	116.660000	534.000

8 rows × 22 columns

Statistical calculation

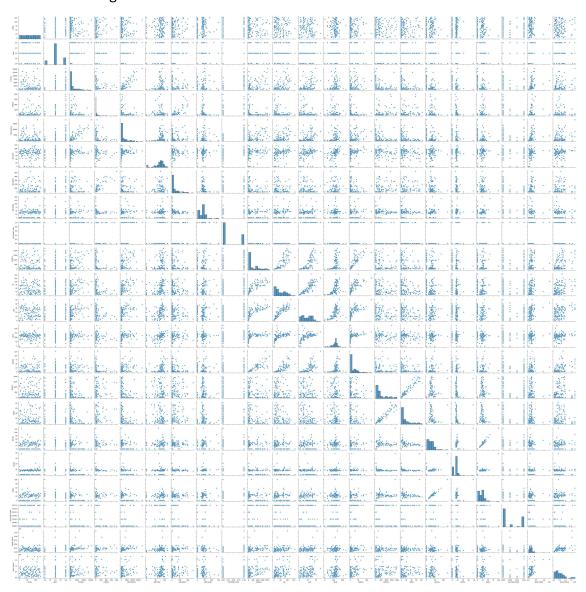
```
In [17]: ► sns.displot(df["PLAYING ROLE"])
```

Out[17]: <seaborn.axisgrid.FacetGrid at 0x21e48f0cb50>

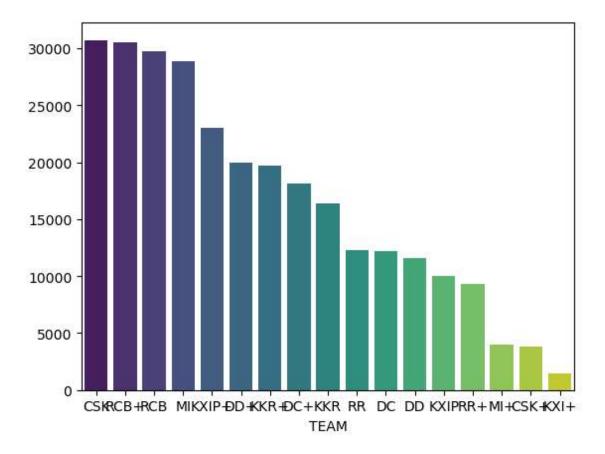


In [32]: ▶ sns.pairplot(df)

Out[32]: <seaborn.axisgrid.PairGrid at 0x21e4e873210>

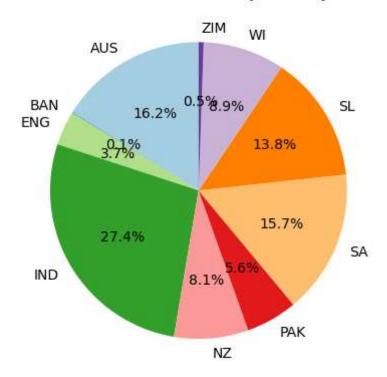


Out[36]: <Axes: xlabel='TEAM'>



Out[43]: Text(0.5, 1.0, 'Distribution of Runs by Country')

Distribution of Runs by Country



```
In [ ]: ▶
```