5. Player of the Match Text Frequency

Perform text analysis on player of the match:

1)Remove null values

2)Find the top 10 most frequent player names

3)Plot the results using a Seaborn bar plot

```
pn = df['player_of_match'].dropna()
print(pn)
```

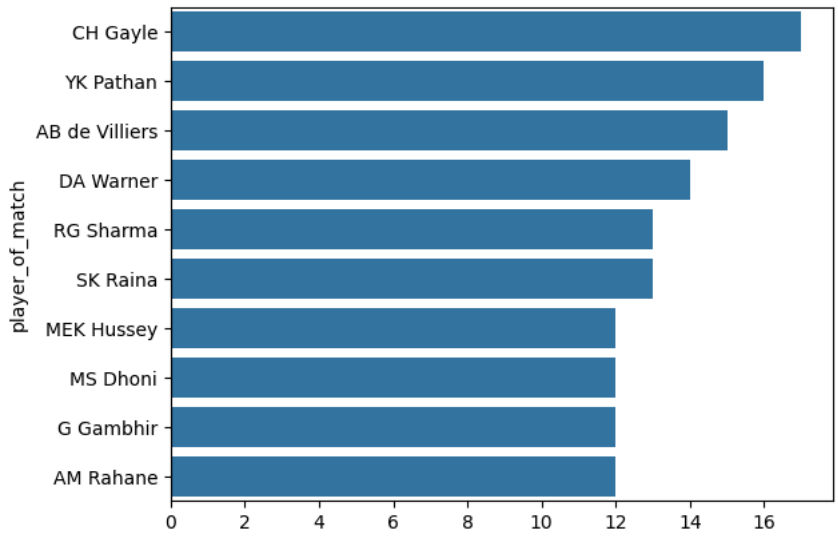
```
0         BB McCullum
1          MEK Hussey
2         MF Maharoof
3          MV Boucher
4           DJ Hussey
             ...
572           V Kohli
573    AB de Villiers
574      MC Henriques
575         DA Warner
576       BCJ Cutting
Name: player_of_match, Length: 574, dtype: object
```

```
tp=df['player_of_match'].value_counts().head(10)
print(tp)
```

```
player_of_match
CH Gayle          17
YK Pathan         16
AB de Villiers    15
DA Warner         14
RG Sharma         13
SK Raina          13
MEK Hussey        12
MS Dhoni          12
G Gambhir         12
AM Rahane         12
Name: count, dtype: int64
```

```
sns.barplot(y=tp.index, x=tp.values)
```

```
<Axes: ylabel='player_of_match'>
```



6. Venue Tokenization

Count how many matches were played in each venue and plot a bar chart for the top10.

```
venue_counts = df['venue'].value_counts()
print(venue_counts.head(10))
```

```
venue
M Chinnaswamy Stadium          58
Eden Gardens                   54
Feroz Shah Kotla               53
```