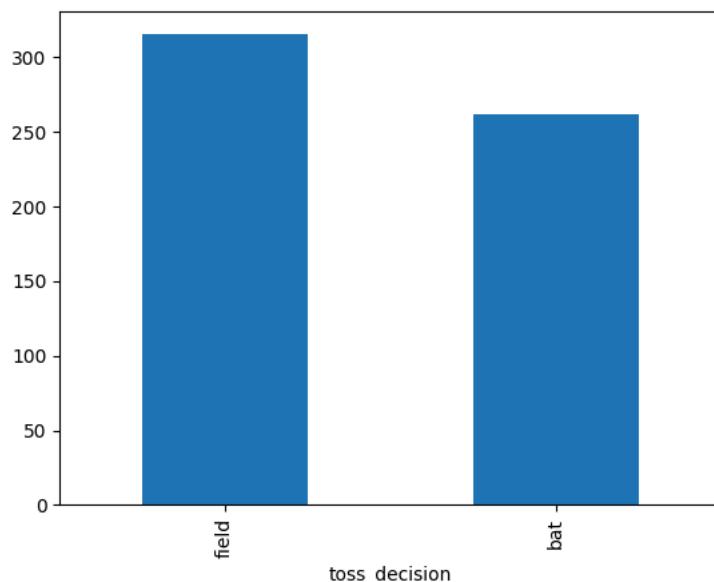


```
field    315  
bat     262  
Name: count, dtype: int64
```

```
bar=df['toss_decision'].value_counts().plot(kind='bar')
```



4, Winner Name Extraction

From the winner column:

- 1) Identify and remove rows where the match result was "No Result" or "Tie"
- 2) Count how many matches each team won after cleaning text values

```
df['result'].value_counts()  
  
count  
result  
---  
normal    568  
tie        6  
no result   3  
  
dtype: int64
```

```
df_filtered = df[~df['result'].isin(['no result', 'tie'])]  
print(df_filtered)
```

```
Original number of matches: 577  
Number of matches after removing 'No Result' and 'Tie': 568
```

```
team_wins = df_filtered['winner'].value_counts()  
print(team_wins)
```

```
winner  
Mumbai Indians          80  
Chennai Super Kings      79  
Royal Challengers Bangalore 69  
Kolkata Knight Riders     68  
Rajasthan Royals          61  
Kings XI Punjab            61  
Delhi Daredevils           56  
Sunrisers Hyderabad         33  
Deccan Chargers              29  
Pune Warriors                  12  
Gujarat Lions                      9  
Kochi Tuskers Kerala             6  
Rising Pune Supergiants          5  
Name: count, dtype: int64
```