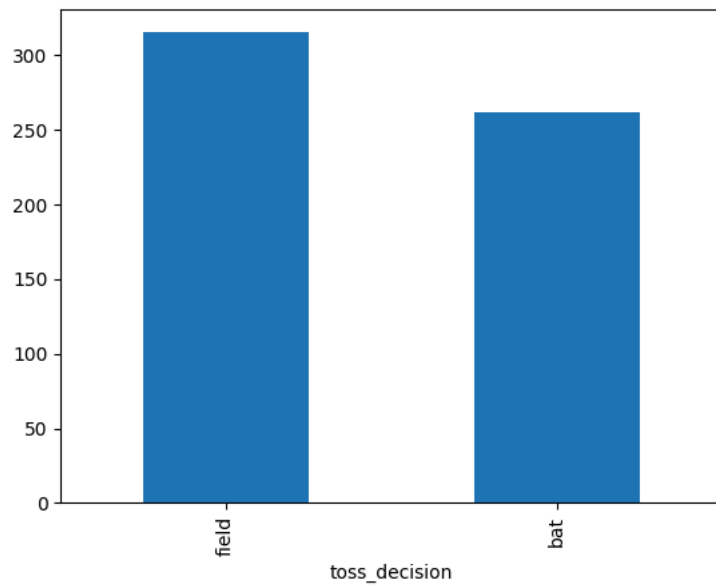


```
field    315
bat      262
Name: count, dtype: int64
```

```
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
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