```
/tmp/ipython-input-357195196.py:1: FutureWarning: A value is trying to be set on a copy of a DataFrame or Series through cha
The behavior will change in pandas 3.0. This inplace method will never work because the intermediate object on which we are

For example, when doing 'df[col].method(value, inplace=True)', try using 'df.method({col: value}, inplace=True)' or df[col]


  df['city'].fillna('Unknown', inplace=True)
```

```
df['city'] = df['city'].str.title()
print(df['city'])
```

```
0       Bangalore
1      Chandigarh
2           Delhi
3          Mumbai
4         Kolkata
          ...
572        Raipur
573     Bangalore
574         Delhi
575         Delhi
576     Bangalore
Name: city, Length: 577, dtype: object
```

```
cmc=df['city'].value_counts()
print(cmc)
```

```
city
Mumbai            77
Bangalore         58
Kolkata           54
Delhi             53
Chennai           48
Chandigarh        42
Hyderabad         41
Jaipur            33
Pune              25
Durban            15
Centurion         12
Ahmedabad         12
Visakhapatnam     11
Dharamsala         9
Johannesburg       8
Unknown            7
Abu Dhabi          7
Cape Town          7
Port Elizabeth     7
Ranchi             7
Cuttack            7
Raipur             6
Sharjah            6
Rajkot             5
Kochi              5
Kimberley          3
East London        3
Nagpur             3
Bloemfontein       2
Indore             2
Kanpur             2
Name: count, dtype: int64
```

3. Toss Decision Text Analysis

Analyze the toss_decision column:

1)Extract unique decisions

2)Count how many times each decision was taken

3)Visualize the frequency using a bar chart

```
ud=df['toss_decision'].unique()
print(ud)
```

```
['field' 'bat']
```

```
dc=df['toss_decision'].value_counts()
print("Frequency of each toss decision:")
print(dc)
```

```
Frequency of each toss decision:
toss_decision
```