# Project Report on

# IPL Data Analysis


## Submitted by

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Infotact Solution

## About Infotact Solution:

Infotact Solution is a leading data-driven company specializing in business intelligence, analytics, and AI-powered insights. We help organizations across industries leverage data to make informed decisions through innovative solutions, including data visualization, predictive modeling, and business optimization.

# EDA

Infotact Solution

# iplanalysis

February 18, 2025

## 1 IPL Analysis

[3]:
```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
from scipy import stats
```

[2]:
```
pip install scipy
```

```
Collecting scipyNote: you may need to restart the kernel to use updated
packages.

  Downloading scipy-1.15.2-cp313-cp313-win_amd64.whl.metadata (60 kB)
Requirement already satisfied: numpy<2.5,>=1.23.5 in
c:\users\windows\appdata\local\programs\python\python313\lib\site-packages (from
scipy) (2.2.0)
Downloading scipy-1.15.2-cp313-cp313-win_amd64.whl (41.0 MB)
   ---------------------------------------- 0.0/41.0 MB ? eta -:--:--
   - -------------------------------------- 1.3/41.0 MB 7.1 MB/s eta 0:00:06
   -- ------------------------------------- 2.6/41.0 MB 6.8 MB/s eta 0:00:06
   --- ------------------------------------ 3.7/41.0 MB 6.1 MB/s eta 0:00:07
   ----- ---------------------------------- 5.2/41.0 MB 6.3 MB/s eta 0:00:06
   ------ --------------------------------- 6.8/41.0 MB 6.5 MB/s eta 0:00:06
   ------- -------------------------------- 8.1/41.0 MB 6.5 MB/s eta 0:00:06
   --------- ------------------------------ 9.7/41.0 MB 6.7 MB/s eta 0:00:05
   ---------- ----------------------------- 11.5/41.0 MB 6.9 MB/s eta 0:00:05
   ----------- ---------------------------- 13.1/41.0 MB 7.0 MB/s eta 0:00:04
   ------------- -------------------------- 14.9/41.0 MB 7.2 MB/s eta 0:00:04
   --------------- ------------------------ 16.8/41.0 MB 7.3 MB/s eta 0:00:04
   ----------------- ---------------------- 18.6/41.0 MB 7.4 MB/s eta 0:00:04
   ------------------- -------------------- 20.7/41.0 MB 7.5 MB/s eta 0:00:03
   --------------------- ------------------ 22.5/41.0 MB 7.6 MB/s eta 0:00:03
   ---------------------- ----------------- 24.4/41.0 MB 7.7 MB/s eta 0:00:03
   ------------------------ --------------- 26.5/41.0 MB 7.8 MB/s eta 0:00:02
   -------------------------- ------------- 28.6/41.0 MB 7.9 MB/s eta 0:00:02
   ---------------------------- ----------- 30.4/41.0 MB 8.0 MB/s eta 0:00:02
   ----------------------------- ---------- 32.2/41.0 MB 8.0 MB/s eta 0:00:02
   ------------------------------- -------- 34.6/41.0 MB 8.1 MB/s eta 0:00:01
```

```
   ---------------------------------- ---- 36.4/41.0 MB 8.2 MB/s eta 0:00:01
   ---------------------------------- -- 38.3/41.0 MB 8.1 MB/s eta 0:00:01
   ---------------------------------------  40.6/41.0 MB 8.2 MB/s eta 0:00:01
   ---------------------------------------  40.9/41.0 MB 8.2 MB/s eta 0:00:01
   ---------------------------------------  40.9/41.0 MB 8.2 MB/s eta 0:00:01
   ---------------------------------------- 41.0/41.0 MB 7.5 MB/s eta 0:00:00
Installing collected packages: scipy
Successfully installed scipy-1.15.2


[notice] A new release of pip is available: 24.3.1 -> 25.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip
```

### 1.0.1 Load Dataset

[6]:
```
deliveries_path = "E:/Infotact/archive/deliveries.csv"
matches_path = "E:/Infotact/archive/matches.csv"

deliveries_df = pd.read_csv(deliveries_path)
matches_df = pd.read_csv(matches_path)
```

[7]:
```
deliveries_df.columns
deliveries_df.describe()
deliveries_df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 260920 entries, 0 to 260919
Data columns (total 17 columns):
 #   Column            Non-Null Count   Dtype 
---  ------            --------------   ----- 
 0   match_id          260920 non-null  int64 
 1   inning            260920 non-null  int64 
 2   batting_team      260920 non-null  object
 3   bowling_team      260920 non-null  object
 4   over              260920 non-null  int64 
 5   ball              260920 non-null  int64 
 6   batter            260920 non-null  object
 7   bowler            260920 non-null  object
 8   non_striker       260920 non-null  object
 9   batsman_runs      260920 non-null  int64 
 10  extra_runs        260920 non-null  int64 
 11  total_runs        260920 non-null  int64 
 12  extras_type       14125 non-null   object
 13  is_wicket         260920 non-null  int64 
 14  player_dismissed  12950 non-null   object
 15  dismissal_kind    12950 non-null   object
 16  fielder           9354 non-null    object
dtypes: int64(8), object(9)
```

```
memory usage: 33.8+ MB
```

[10]:
```
deliveries_df.shape
```

[10]:
```
(260920, 17)
```

[9]:
```
deliveries_df.head(10)
```

[9]:

| | match_id | inning | batting_team | bowling_team | over | ball | batter | bowler | non_striker | batsman_runs | extra_runs | total_runs | extras_type | is_wicket | player_dismissed | dismissal_kind | fielder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 0 | 1 | SC Ganguly | P Kumar | BB McCullum | 0 | 1 | 1 | legbyes | 0 | NaN | NaN | NaN |
| 1 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 0 | 2 | BB McCullum | P Kumar | SC Ganguly | 0 | 0 | 0 | NaN | 0 | NaN | NaN | NaN |
| 2 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 0 | 3 | BB McCullum | P Kumar | SC Ganguly | 0 | 1 | 1 | wides | 0 | NaN | NaN | NaN |
| 3 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 0 | 4 | BB McCullum | P Kumar | SC Ganguly | 0 | 0 | 0 | NaN | 0 | NaN | NaN | NaN |
| 4 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 0 | 5 | BB McCullum | P Kumar | SC Ganguly | 0 | 0 | 0 | NaN | 0 | NaN | NaN | NaN |
| 5 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 0 | 6 | BB McCullum | P Kumar | SC Ganguly | 0 | 0 | 0 | NaN | 0 | NaN | NaN | NaN |
| 6 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 0 | 7 | BB McCullum | P Kumar | SC Ganguly | 0 | 1 | 1 | legbyes | 0 | NaN | NaN | NaN |
| 7 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 1 | 1 | BB McCullum | Z Khan | SC Ganguly | 0 | 0 | 0 | NaN | 0 | NaN | NaN | NaN |
| 8 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 1 | 2 | BB McCullum | Z Khan | SC Ganguly | 4 | 0 | 4 | NaN | 0 | NaN | NaN | NaN |
| 9 | 335982 | 1 | Kolkata Knight Riders | Royal Challengers Bangalore | 1 | 3 | BB McCullum | Z Khan | SC Ganguly | 4 | 0 | 4 | NaN | 0 | NaN | NaN | NaN |

[8]:
```
deliveries_df.tail(5)
```

[8]:

```
        match_id  inning           batting_team         bowling_team  over  \
260915   1426312       2  Kolkata Knight Riders  Sunrisers Hyderabad     9
260916   1426312       2  Kolkata Knight Riders  Sunrisers Hyderabad     9
260917   1426312       2  Kolkata Knight Riders  Sunrisers Hyderabad    10
260918   1426312       2  Kolkata Knight Riders  Sunrisers Hyderabad    10
260919   1426312       2  Kolkata Knight Riders  Sunrisers Hyderabad    10

        ball   batter         bowler non_striker  batsman_runs  extra_runs  \
260915     5  SS Iyer     AK Markram     VR Iyer             1           0
260916     6  VR Iyer     AK Markram     SS Iyer             1           0
260917     1  VR Iyer  Shahbaz Ahmed     SS Iyer             1           0
260918     2  SS Iyer  Shahbaz Ahmed     VR Iyer             1           0
260919     3  VR Iyer  Shahbaz Ahmed     SS Iyer             1           0

        total_runs extras_type  is_wicket player_dismissed dismissal_kind  \
260915           1         NaN          0              NaN            NaN
260916           1         NaN          0              NaN            NaN
260917           1         NaN          0              NaN            NaN
260918           1         NaN          0              NaN            NaN
260919           1         NaN          0              NaN            NaN

       fielder
260915     NaN
260916     NaN
260917     NaN
260918     NaN
260919     NaN
```

[13]:

```
matches_df.columns
matches_df.describe()
matches_df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1095 entries, 0 to 1094
Data columns (total 20 columns):
 #   Column           Non-Null Count  Dtype
---  ------           --------------  -----
 0   id               1095 non-null   int64
 1   season           1095 non-null   object
 2   city             1044 non-null   object
 3   date             1095 non-null   object
 4   match_type       1095 non-null   object
 5   player_of_match  1090 non-null   object
 6   venue            1095 non-null   object
 7   team1            1095 non-null   object
 8   team2            1095 non-null   object
 9   toss_winner      1095 non-null   object
```

```
 10  toss_decision    1095 non-null   object
 11  winner           1090 non-null   object
 12  result           1095 non-null   object
 13  result_margin    1076 non-null   float64
 14  target_runs      1092 non-null   float64
 15  target_overs     1092 non-null   float64
 16  super_over       1095 non-null   object
 17  method           21 non-null     object
 18  umpire1          1095 non-null   object
 19  umpire2          1095 non-null   object
dtypes: float64(3), int64(1), object(16)
memory usage: 171.2+ KB
```

[14]:
```
matches_df.shape
```

[14]: (1095, 20)

[15]:
```
matches_df.head(5)
```

[15]:

| | id | season | city | date | match_type | player_of_match | venue | team1 | team2 | toss_winner | toss_decision | winner | result | result_margin | target_runs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 335982 | 2007/08 | Bangalore | 2008-04-18 | League | BB McCullum | M Chinnaswamy Stadium | Royal Challengers Bangalore | Kolkata Knight Riders | Royal Challengers Bangalore | field | Kolkata Knight Riders | runs | 140.0 | 223.0 |
| 1 | 335983 | 2007/08 | Chandigarh | 2008-04-19 | League | MEK Hussey | Punjab Cricket Association Stadium, Mohali | Kings XI Punjab | Chennai Super Kings | Chennai Super Kings | bat | Chennai Super Kings | runs | 33.0 | 241.0 |
| 2 | 335984 | 2007/08 | Delhi | 2008-04-19 | League | MF Maharoof | Feroz Shah Kotla | Delhi Daredevils | Rajasthan Royals | Rajasthan Royals | bat | Delhi Daredevils | wickets | 9.0 | 130.0 |
| 3 | 335985 | 2007/08 | Mumbai | 2008-04-20 | League | MV Boucher | Wankhede Stadium | Mumbai Indians | Royal Challengers Bangalore | Mumbai Indians | bat | Royal Challengers Bangalore | wickets | 5.0 | 166.0 |
| 4 | 335986 | 2007/08 | Kolkata | 2008-04-20 | League | DJ Hussey | Eden Gardens | Kolkata Knight Riders | Deccan Chargers | Deccan Chargers | bat | Kolkata Knight Riders | wickets | 5.0 | 111.0 |

```
   target_overs super_over method    umpire1         umpire2
0          20.0          N    NaN  Asad Rauf     RE Koertzen
1          20.0          N    NaN  MR Benson      SL Shastri
2          20.0          N    NaN  Aleem Dar  GA Pratapkumar
3          20.0          N    NaN   SJ Davis       DJ Harper
4          20.0          N    NaN  BF Bowden     K Hariharan
```

[16]:
```
matches_df.tail(5)
```

[16]:
```
           id season       city        date   match_type  player_of_match  \
1090  1426307   2024  Hyderabad  2024-05-19       League  Abhishek Sharma
1091  1426309   2024  Ahmedabad  2024-05-21  Qualifier 1         MA Starc
1092  1426310   2024  Ahmedabad  2024-05-22   Eliminator         R Ashwin
1093  1426311   2024    Chennai  2024-05-24  Qualifier 2    Shahbaz Ahmed
1094  1426312   2024    Chennai  2024-05-26        Final         MA Starc

                                              venue  \
1090  Rajiv Gandhi International Stadium, Uppal, Hyd…
1091                   Narendra Modi Stadium, Ahmedabad
1092                   Narendra Modi Stadium, Ahmedabad
1093           MA Chidambaram Stadium, Chepauk, Chennai
1094           MA Chidambaram Stadium, Chepauk, Chennai

                           team1                  team2          toss_winner  \
1090                Punjab Kings    Sunrisers Hyderabad         Punjab Kings
1091          Sunrisers Hyderabad  Kolkata Knight Riders  Sunrisers Hyderabad
1092  Royal Challengers Bengaluru       Rajasthan Royals     Rajasthan Royals
1093          Sunrisers Hyderabad       Rajasthan Royals     Rajasthan Royals
1094          Sunrisers Hyderabad  Kolkata Knight Riders  Sunrisers Hyderabad

     toss_decision                winner   result  result_margin  \
1090           bat    Sunrisers Hyderabad  wickets            4.0
1091           bat  Kolkata Knight Riders  wickets            8.0
1092         field       Rajasthan Royals  wickets            4.0
1093         field    Sunrisers Hyderabad     runs           36.0
1094           bat  Kolkata Knight Riders  wickets            8.0

      target_runs  target_overs super_over method               umpire1  \
1090        215.0          20.0          N    NaN            Nitin Menon
1091        160.0          20.0          N    NaN          AK Chaudhary
1092        173.0          20.0          N    NaN  KN Ananthapadmanabhan
1093        176.0          20.0          N    NaN            Nitin Menon
1094        114.0          20.0          N    NaN         J Madanagopal

                umpire2
1090          VK Sharma
1091           R Pandit
```

```
1092  MV Saidharshan Kumar
1093              VK Sharma
1094           Nitin Menon
```

### 1.0.2 Missing Values

[12]:
```
# Checking for missing values
deliveries_missing = deliveries_df.isnull().sum()
deliveries_missing
```

[12]:
```
match_id                0
inning                  0
batting_team            0
bowling_team            0
over                    0
ball                    0
batter                  0
bowler                  0
non_striker             0
batsman_runs            0
extra_runs              0
total_runs              0
extras_type        246795
is_wicket               0
player_dismissed   247970
dismissal_kind     247970
fielder            251566
dtype: int64
```

[17]:
```
matches_missing = matches_df.isnull().sum()
matches_missing
```

[17]:
```
id                   0
season               0
city                51
date                 0
match_type           0
player_of_match      5
venue                0
team1                0
team2                0
toss_winner          0
toss_decision        0
winner               5
result               0
result_margin       19
target_runs          3
```

```
target_overs          3
super_over            0
method             1074
umpire1               0
umpire2               0
dtype: int64
```

[18]:
```
# Descriptive statistics
deliveries_desc = deliveries_df.describe()
matches_desc = matches_df.describe()
```

### Mean, Median and Mode

#### Deliveries

[19]:
```
# Mean, Median, Mode calculations
def calculate_statistics(df, column):
    return {
        "mean": df[column].mean(),
        "median": df[column].median(),
        "mode": df[column].mode()[0] if not df[column].mode().empty else None
    }

# Key numerical columns for deliveries
deliveries_stats = {col: calculate_statistics(deliveries_df, col) for col in␣
 ↪['batsman_runs', 'total_runs', 'extra_runs']}
deliveries_stats
```

[19]:
```
{'batsman_runs': {'mean': np.float64(1.265000766518473),
  'median': np.float64(1.0),
  'mode': np.int64(0)},
 'total_runs': {'mean': np.float64(1.3328069906484745),
  'median': np.float64(1.0),
  'mode': np.int64(1)},
 'extra_runs': {'mean': np.float64(0.06780622413000154),
  'median': np.float64(0.0),
  'mode': np.int64(0)}}
```

#### Matches

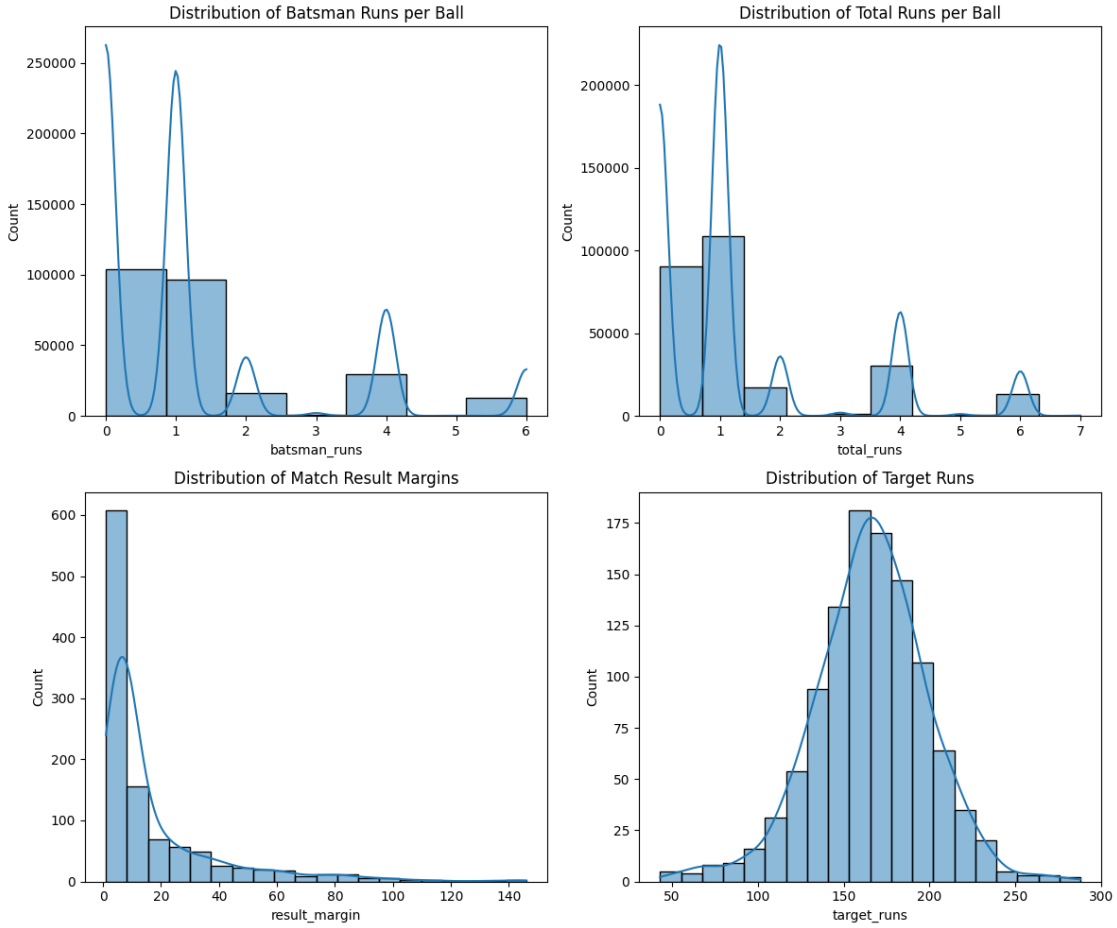
[20]:
```
# Mean, Median, Mode calculations
def calculate_statistics(df, column):
    return {
        "mean": df[column].mean(),
        "median": df[column].median(),
        "mode": df[column].mode()[0] if not df[column].mode().empty else None
    }
# Key numerical columns for matches
```

```
matches_stats = {col: calculate_statistics(matches_df, col) for col in␣
 ↪['result_margin', 'target_runs']}
matches_stats
```

[20]:
```
{'result_margin': {'mean': np.float64(17.259293680297397),
  'median': np.float64(8.0),
  'mode': np.float64(6.0)},
 'target_runs': {'mean': np.float64(165.68406593406593),
  'median': np.float64(166.0),
  'mode': np.float64(166.0)}}
```

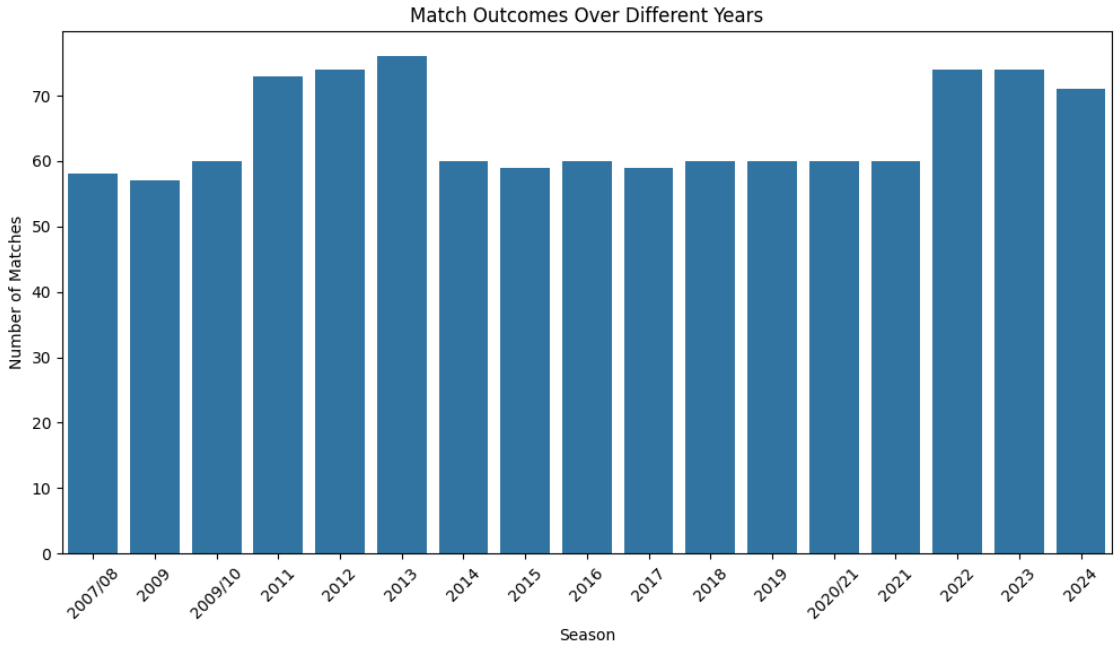
### Visualization

[21]:
```
# Data visualization
fig, axes = plt.subplots(2, 2, figsize=(12, 10))

# Distribution of Batsman Runs per Ball
sns.histplot(deliveries_df["batsman_runs"], bins=7, kde=True, ax=axes[0, 0])
axes[0, 0].set_title("Distribution of Batsman Runs per Ball")

# Distribution of Total Runs per Ball
sns.histplot(deliveries_df["total_runs"], bins=10, kde=True, ax=axes[0, 1])
axes[0, 1].set_title("Distribution of Total Runs per Ball")

# Distribution of Result Margin in Matches
sns.histplot(matches_df["result_margin"].dropna(), bins=20, kde=True,␣
 ↪ax=axes[1, 0])
axes[1, 0].set_title("Distribution of Match Result Margins")

# Distribution of Target Runs in Matches
sns.histplot(matches_df["target_runs"].dropna(), bins=20, kde=True, ax=axes[1,␣
 ↪1])
axes[1, 1].set_title("Distribution of Target Runs")

plt.tight_layout()
plt.show()
```



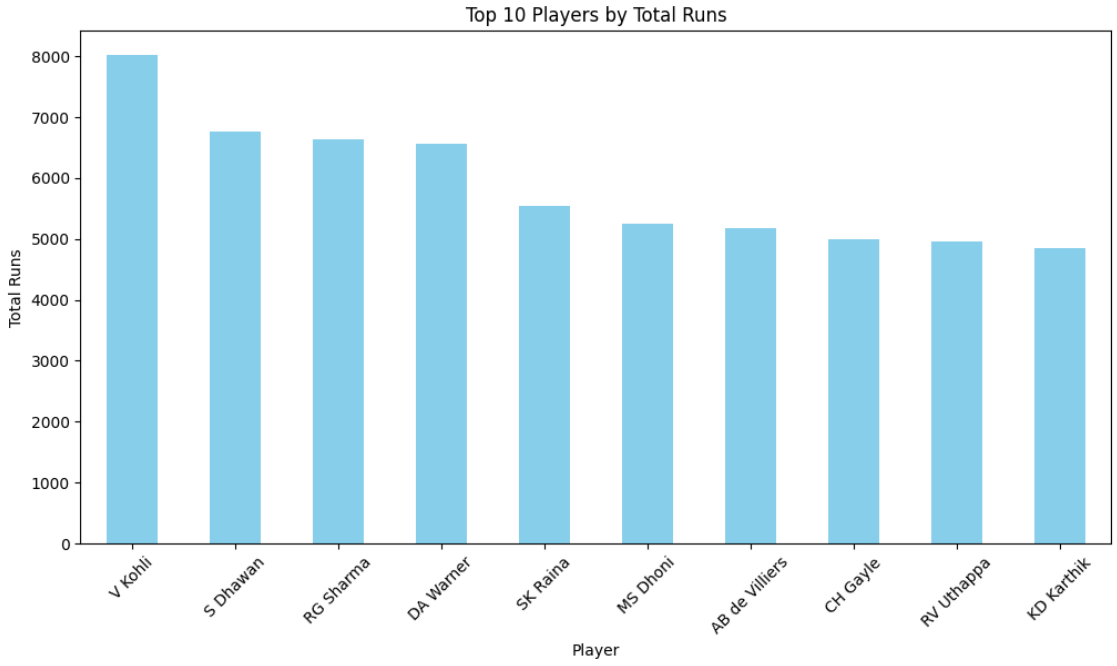

## 1.1 1. Match Outcomes

[25]:
```
def match_outcome_analysis(matches):
    plt.figure(figsize=(12, 6))
    sns.countplot(data=matches, x='season', order=sorted(matches['season'].
 ↪unique()))
    plt.title('Match Outcomes Over Different Years')
    plt.xticks(rotation=45)
    plt.xlabel('Season')
    plt.ylabel('Number of Matches')
    plt.show()

if __name__ == "__main__":
    match_outcome_analysis(matches_df)
```



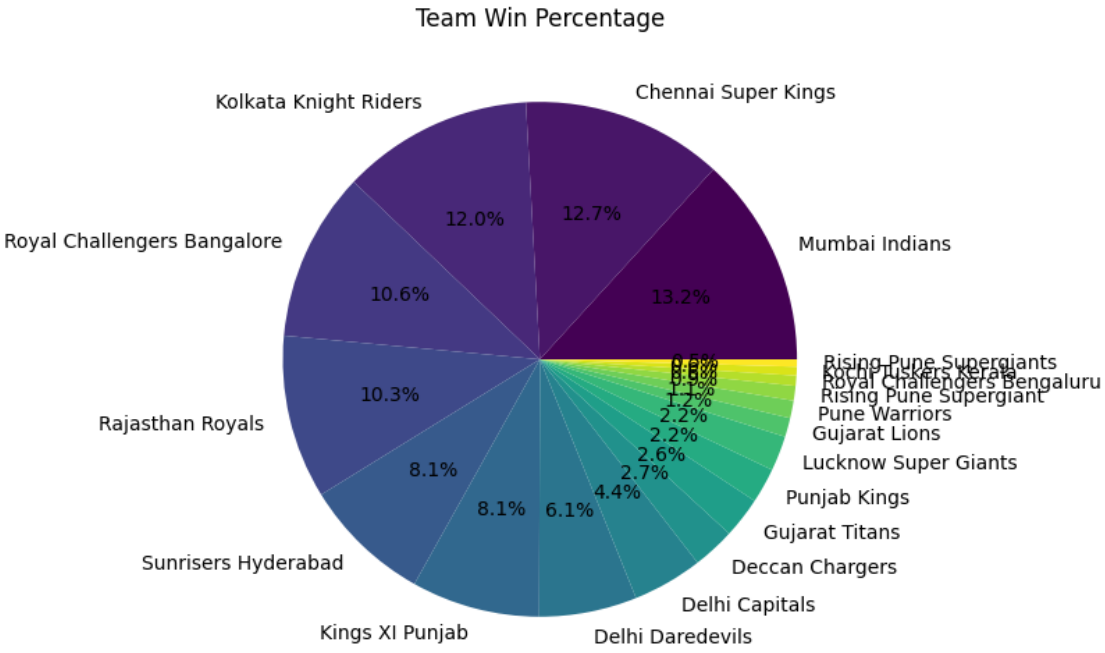

## 1.2 2. Player_Performance

[26]:
```
def player_performance(deliveries):
    player_stats = deliveries.groupby('batter')['batsman_runs'].sum().
 ↪sort_values(ascending=False).head(10)
    plt.figure(figsize=(12, 6))
    player_stats.plot(kind='bar', color='skyblue')
    plt.title('Top 10 Players by Total Runs')
    plt.xlabel('Player')
    plt.ylabel('Total Runs')
    plt.xticks(rotation=45)
    plt.show()

if __name__ == "__main__":
    player_performance(deliveries_df)
```




### 1.3 3. Team_Comparison

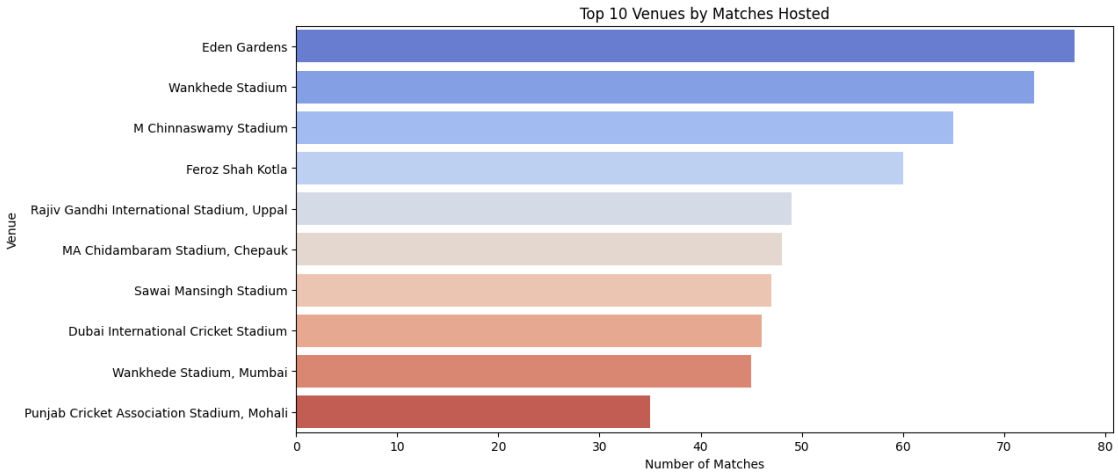
[27]:
```
def team_comparison(matches):
    team_wins = matches['winner'].value_counts()
    plt.figure(figsize=(12, 6))
    team_wins.plot(kind='pie', autopct='%1.1f%%', colormap='viridis')
    plt.title('Team Win Percentage')
    plt.ylabel('')
    plt.show()

if __name__ == "__main__":
    team_comparison(matches_df)
```




### 1.4 4. Venue_performance

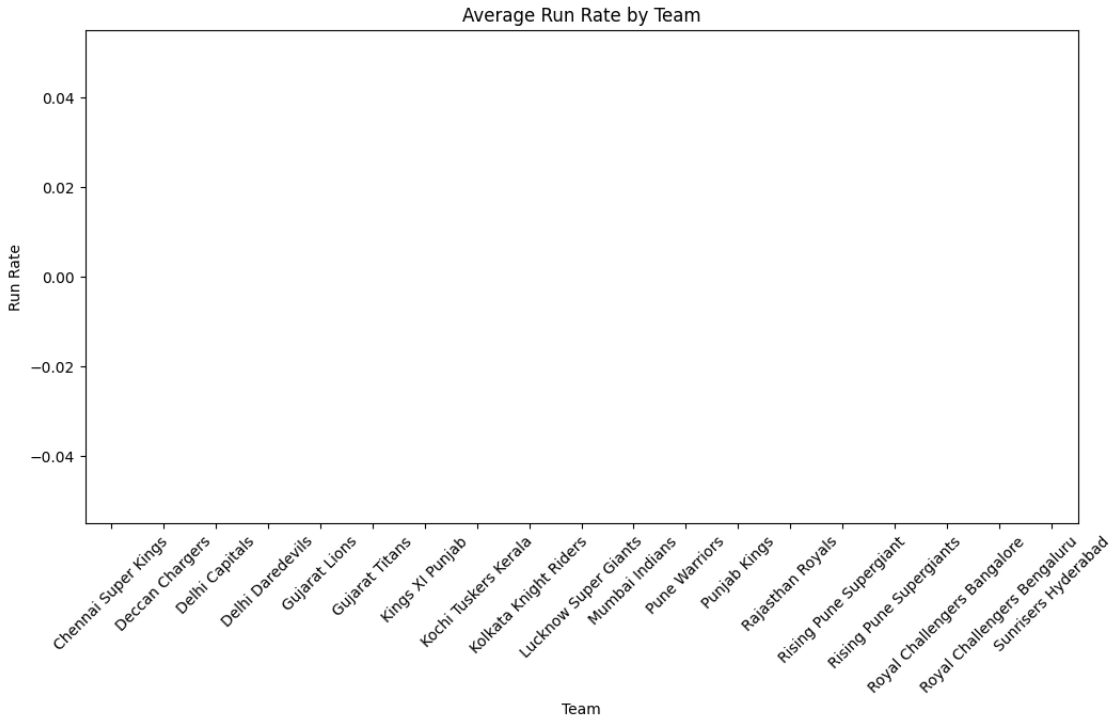
[28]:
```
def venue_performance(matches):
    plt.figure(figsize=(12, 6))
    venue_wins = matches['venue'].value_counts().head(10)
    sns.barplot(x=venue_wins.values, y=venue_wins.index, palette='coolwarm')
    plt.title('Top 10 Venues by Matches Hosted')
    plt.xlabel('Number of Matches')
    plt.ylabel('Venue')
    plt.show()

if __name__ == "__main__":
    venue_performance(matches_df)
```

```
C:\Users\Windows\AppData\Local\Temp\ipykernel_11952\4238959835.py:4:
FutureWarning:

Passing `palette` without assigning `hue` is deprecated and will be removed in
v0.14.0. Assign the `y` variable to `hue` and set `legend=False` for the same
effect.

  sns.barplot(x=venue_wins.values, y=venue_wins.index, palette='coolwarm')
```



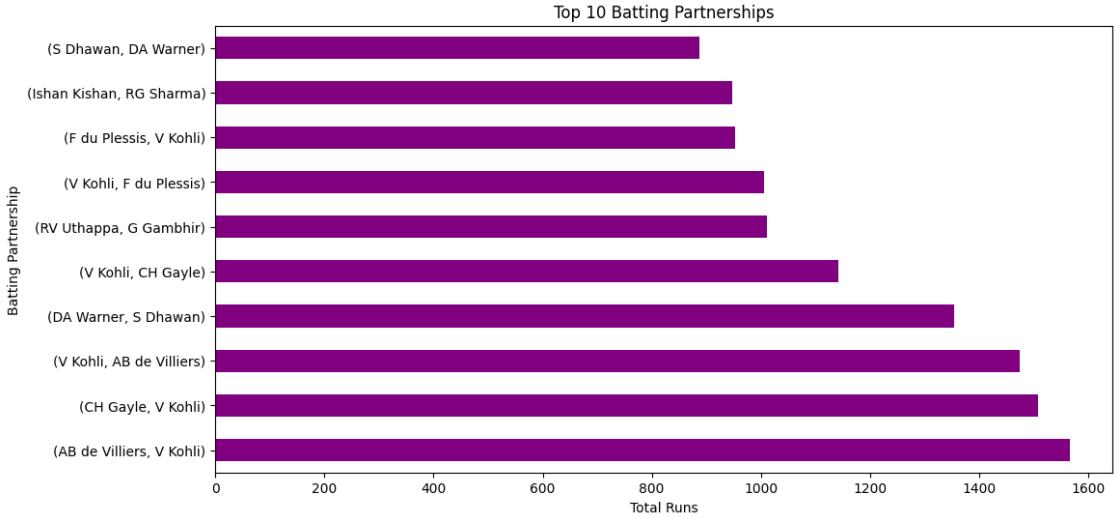

## 1.5 5. Run_Rate_Analysis

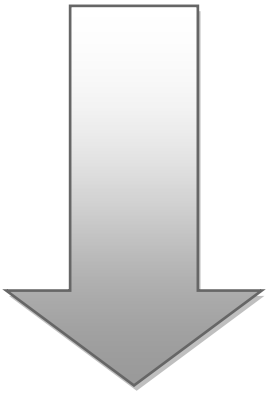
[29]:
```
def run_rate_analysis(deliveries):
    deliveries['run_rate'] = deliveries['total_runs'] / deliveries['over']
    avg_run_rates = deliveries.groupby('batting_team')['run_rate'].mean().
 ↪sort_values(ascending=False)
    plt.figure(figsize=(12, 6))
    avg_run_rates.plot(kind='bar', color='green')
    plt.title('Average Run Rate by Team')
    plt.xlabel('Team')
    plt.ylabel('Run Rate')
    plt.xticks(rotation=45)
    plt.show()

if __name__ == "__main__":
    run_rate_analysis(deliveries_df)
```




### 1.6 6. Best_Batting_Partnerships

[30]:
```
def best_batting_partnerships(deliveries):
    partnerships = deliveries.groupby(['batter',␣
 ↪'non_striker'])['batsman_runs'].sum().sort_values(ascending=False).head(10)
    plt.figure(figsize=(12, 6))
    partnerships.plot(kind='barh', color='purple')
    plt.title('Top 10 Batting Partnerships')
    plt.xlabel('Total Runs')
    plt.ylabel('Batting Partnership')
    plt.show()

if __name__ == "__main__":
    best_batting_partnerships(deliveries_df)
```


Top 10 Batting Partnerships
(S Dhawan, DA Warner)
(Ishan Kishan, RG Sharma)
(F du Plessis, V Kohli)
(V Kohli, F du Plessis)
(RV Uthappa, G Gambhir)
(V Kohli, CH Gayle)
(DA Warner, S Dhawan)
(V Kohli, AB de Villiers)
(CH Gayle, V Kohli)
(AB de Villiers, V Kohli)
Batting Partnership
0
200
400
600
800
1000
1200
1400
1600
Total Runs



# Dashboard

Dashboard

Infotact Solution

# IPL Data Analysis

# IPL Cricket Deliveries Data

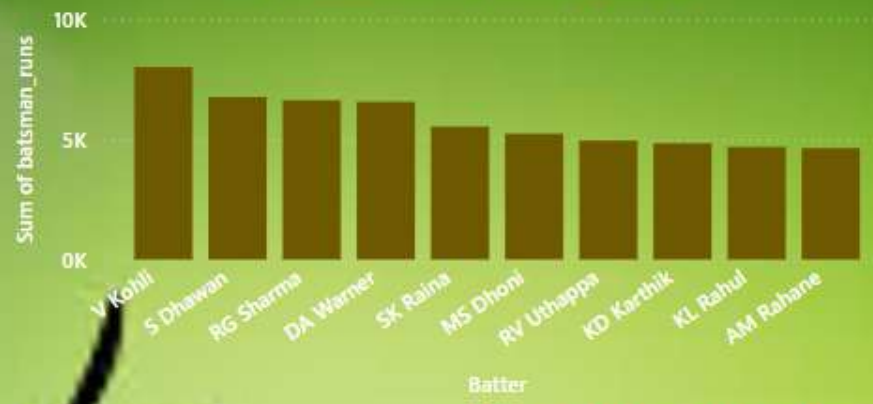
330K
Sum of batsman_r...

348K
Sum of total_runs

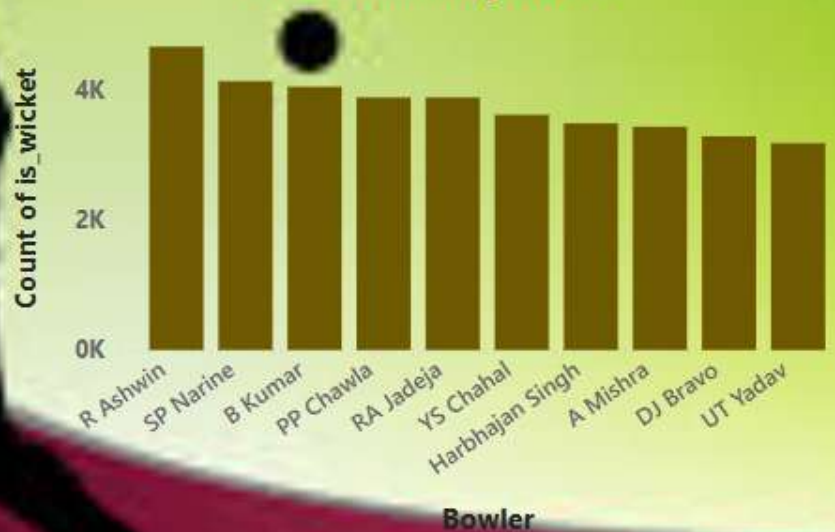
13K
Sum of is_wicket

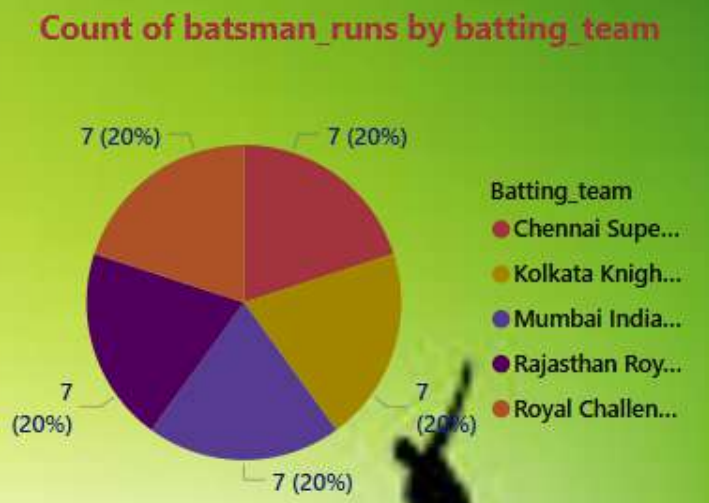
387K
Sum of inning

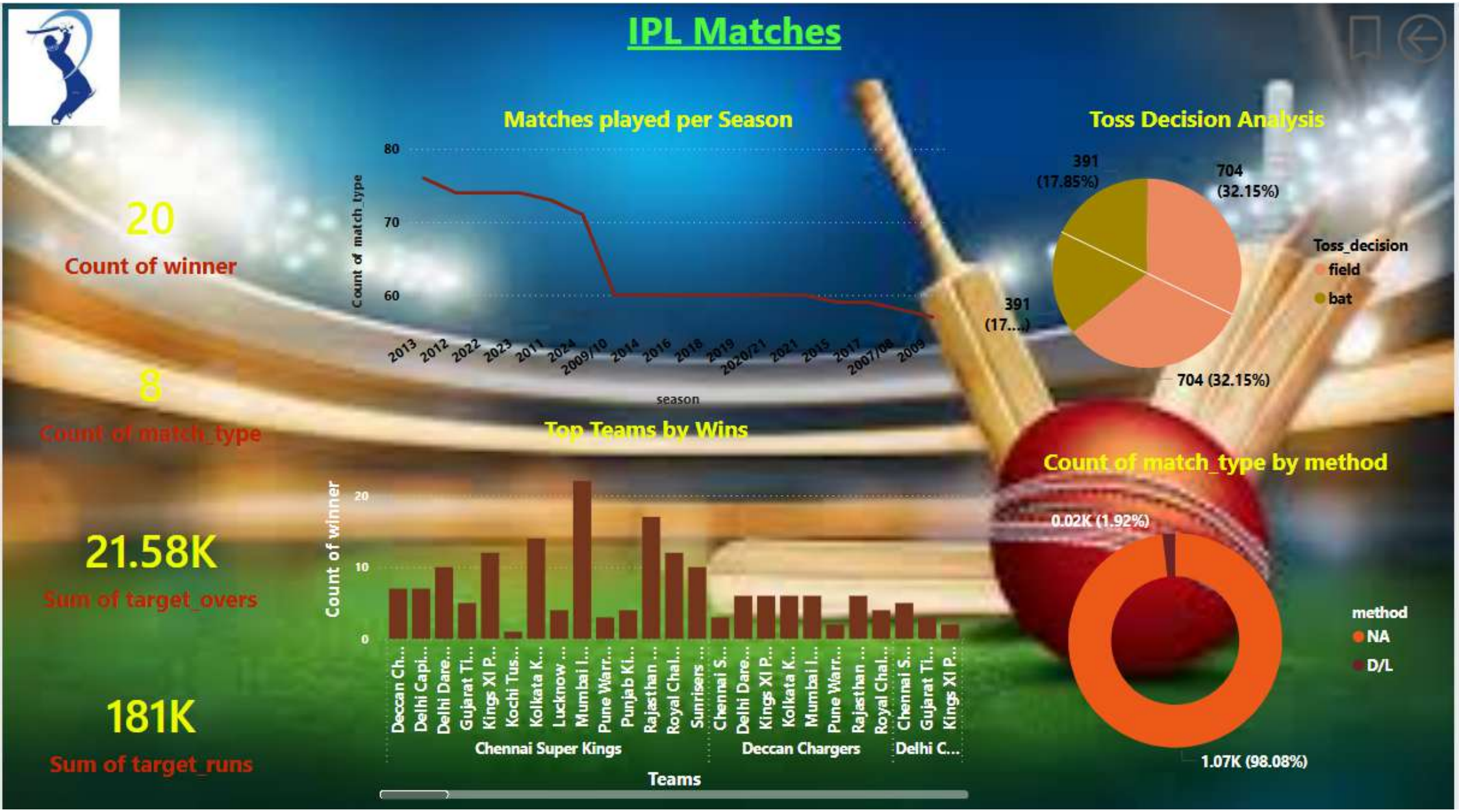
2M
Sum of over







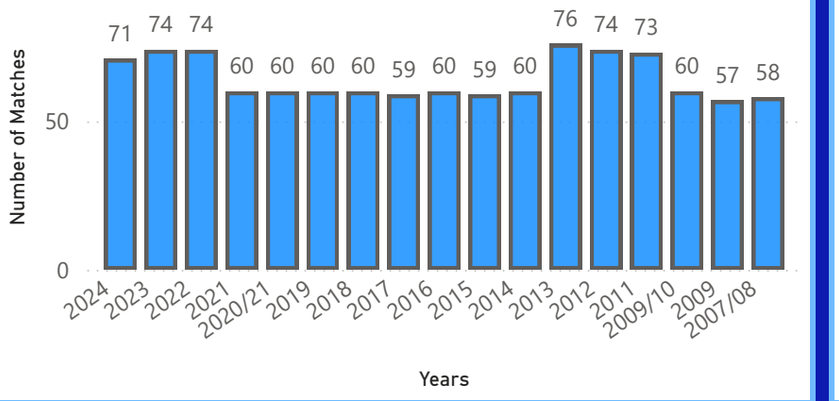




IPL Matches
Matches played per Season
Count of match_type
80
70
60
2013
2012
2022
2023
2011
2024
2009/10
2014
2016
2018
2019
2020/21
2021
2015
2017
2007/08
2009
season
Toss Decision Analysis
391
(17.85%)
704
(32.15%)
Toss_decision
field
bat
391
(17....)
704 (32.15%)
20
Count of winner
8
Count of match_type
21.58K
Sum of target_overs
181K
Sum of target_runs
Top Teams by Wins
Count of winner
20
10
0
Deccan Ch...
Delhi Capi...
Delhi Dare...
Gujarat Ti...
Kings XI P...
Kochi Tus...
Kolkata K...
Lucknow ...
Mumbai I...
Pune Warr...
Punjab Ki...
Rajasthan ...
Royal Chal...
Sunrisers ...
Chennai S...
Delhi Dare...
Kings XI P...
Kolkata K...
Mumbai I...
Pune Warr...
Rajasthan ...
Royal Chal...
Chennai S...
Gujarat Ti...
Kings XI P...
Chennai Super Kings
Deccan Chargers
Delhi C...
Teams
Count of match_type by method
0.02K (1.92%)
method
NA
D/L
1.07K (98.08%)

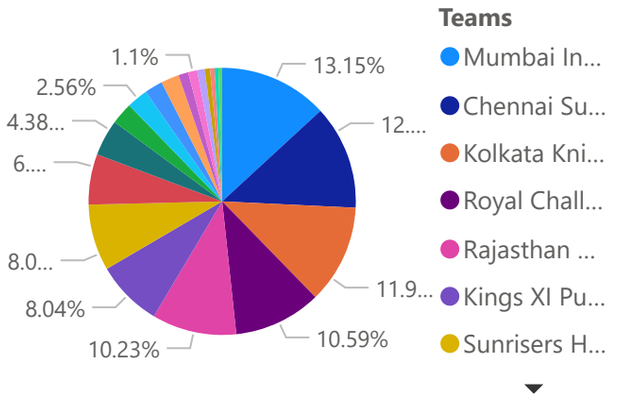

IPL Insights
Batter by total_runs
Count of batter
100K
80K
60K
40K
20K
0K
0
2
4
6
Total_Runs
Count of venue by target_overs
Count of venue
1,000
500
0
5
10
15
20
Target Overs
Team by Winner
winner
Mumbai Indians
Chennai Super Ki...
Kolkata Knight Ri...
Royal Challengers...
Rajasthan Royals
Kings XI Punjab
Sunrisers Hyderab...
Delhi Daredevils
Delhi Capitals
Deccan Chargers
0
50
100
150
200
Team
20
Count of winner
2M
Sum of over
530
Count of bowler
18K
Sum of extra_runs
1092
Count of target_overs

# IPL ANALYSIS

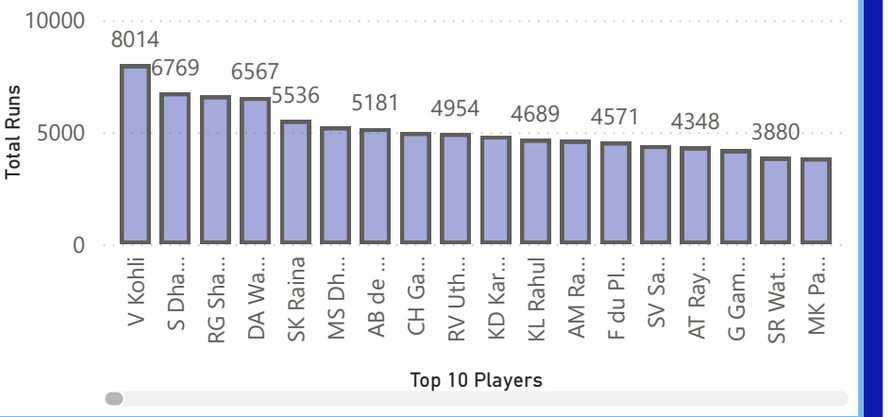
## Matches Outcome Over Different Years



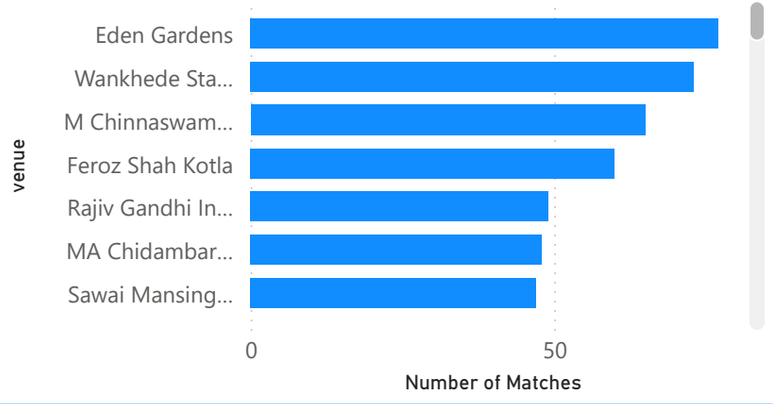

## Team Win Percentage



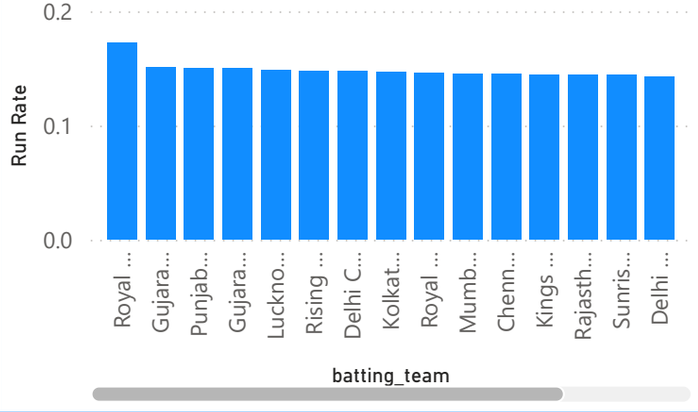

## Top 10 Players




## Top 10 Venues




## Top 10 Batting_teams




## Top 10 Batting Partnerships