

Scraping Data from TATA IPL Auction 2023

Import Libraries

```
In [16]: from bs4 import BeautifulSoup
import requests
import pandas as pd
```

Getting Url

```
In [17]: url = 'https://www.iplt20.com/auction'
r = requests.get(url)

print(r)

<Response [200]>
```

BeautifulSoup

```
In [18]: soup = BeautifulSoup(r.content , 'html.parser')

# print(soup.prettify())
```

Reading tabel | Header etc..

```
In [49]: table = soup.find('table' , class_='ih-td-tab auction-tbl')

header = table.find_all('th' , class_='skip-filter')

Titles =[i.text for i in header]

df = pd.DataFrame(columns=Titles)

#### Finding each rows from table row tr
rows = tabel.find_all('tr')

for i in rows[1:]:
    first_td = i.find_all('td')[0].find('div' , class_='ih-pt-ic').text.strip() # to rem
    data = i.find_all('td')[1:]
    each_row_data = [tr.text for tr in data]
    each_row_data.insert(0,first_td)
    l = len(df)
    df.loc[l] = each_row_data

df
```

```
Out[49]:
```

	TEAM	FUNDS REMAINING	OVERSEAS PLAYERS	TOTAL PLAYERS
0	Chennai Super Kings	₹1,50,00,000	8	25
1	Delhi Capitals	₹4,45,00,000	8	25
2	Gujarat Titans	₹4,45,00,000	8	25
3	Kolkata Knight Riders	₹1,65,00,000	8	22
4	Lucknow Super Giants	₹3,55,00,000	8	25

5	Mumbai Indians	₹5,00,000	8	24
6	Punjab Kings	₹12,20,00,000	7	22
7	Rajasthan Royals	₹3,35,00,000	8	25
8	Royal Challengers Bangalore	₹1,75,00,000	8	25
9	Sunrisers Hyderabad	₹6,55,00,000	8	25

saving as csv

```
In [51]: df.to_csv('TATA_IPL_Auction_2023.csv')
```

```
In [ ]: !jupyter nbconvert --to webpdf --allow-chromium-download IPLAuction.ipynb
```

<----- **END** ----->