

FML A1

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```
#installing the required package
library(readr)
```

```
#importing the dataset(Downloaded from kaggle)
IPL<-read.csv("C:/Users/shiva/Downloads/ipl_2023_dataset.csv")
IPL
```

##	Player.Name	Base.Price	Type	Cost.in.Rs...CR.
## 1	Shivam Mavi	4000000	BOWLER	6.00
## 2	Joshua Little	5000000	BOWLER	4.40
## 3	Kane Williamson	20000000	BATSMAN	2.00
## 4	K.S. Bharat	2000000	WICKETKEEPER	1.20
## 5	Mohit Sharma	5000000	BOWLER	0.50
## 6	Odean Smith	5000000	ALL-ROUNDER	0.50
## 7	Urvil Patel	2000000	WICKETKEEPER	0.20
## 8	Rahul Tewatia	Retained	ALL-ROUNDER	0.00
## 9	Pradeep Sangwan	Retained	ALL-ROUNDER	0.00
## 10	Rashid Khan	Retained	BOWLER	0.00
## 11	R. Sai Kishore	Retained	BOWLER	0.00
## 12	Yash Dayal	Retained	BOWLER	0.00
## 13	Noor Ahmad	Retained	BOWLER	0.00
## 14	Wriddhiman Saha	Retained	WICKETKEEPER	0.00
## 15	Vijay Shankar	Retained	ALL-ROUNDER	0.00
## 16	Shubman Gill	Retained	BATSMAN	0.00
## 17	Hardik Pandya	Retained	ALL-ROUNDER	0.00
## 18	B. Sai Sudharsan	Retained	ALL-ROUNDER	0.00
## 19	Alzarri Joseph	Retained	BOWLER	0.00
## 20	Abhinav Sadarangani	Retained	BATSMAN	0.00
## 21	Darshan Nalkande	Retained	ALL-ROUNDER	0.00
## 22	David Miller	Retained	BATSMAN	0.00
## 23	Matthew Wade	Retained	WICKETKEEPER	0.00
## 24	Jayant Yadav	Retained	ALL-ROUNDER	0.00
## 25	Mohammad Shami	Retained	BOWLER	0.00
## 26	Ben Stokes	20000000	ALL-ROUNDER	16.25
## 27	Kyle Jamieson	10000000	BOWLER	1.00
## 28	Nishant Sindhu	2000000	ALL-ROUNDER	0.60
## 29	Ajinkya Rahane	5000000	BATSMAN	0.50
## 30	Bhagath Varma	2000000	ALL-ROUNDER	0.20
## 31	Ajay Mandal	2000000	ALL-ROUNDER	0.20
## 32	Shaik Rasheed	2000000	BATSMAN	0.20
## 33	Ravindra Jadeja	Retained	ALL-ROUNDER	0.00

## 34	Rajvardhan Hangargekar	Retained	ALL-ROUNDER	0.00
## 35	Prashant Solanki	Retained	BOWLER	0.00
## 36	Ruturaj Gaikwad	Retained	BATSMAN	0.00
## 37	Tushar Deshpande	Retained	BOWLER	0.00
## 38	Mukesh Choudhary	Retained	BOWLER	0.00
## 39	Subhanshu Senapati	Retained	BATSMAN	0.00
## 40	Simarjeet Singh	Retained	BOWLER	0.00
## 41	Shivam Dube	Retained	ALL-ROUNDER	0.00
## 42	Matheesha Pathirana	Retained	BOWLER	0.00
## 43	Devon Conway	Retained	BATSMAN	0.00
## 44	Deepak Chahar	Retained	BOWLER	0.00
## 45	Ambati Rayudu	Retained	BATSMAN	0.00
## 46	Dwaine Pretorius	Retained	ALL-ROUNDER	0.00
## 47	Maheesh Theekshana	Retained	BOWLER	0.00
## 48	Moeen Ali	Retained	ALL-ROUNDER	0.00
## 49	Mitchell Santner	Retained	ALL-ROUNDER	0.00
## 50	MS Dhoni	Retained	WICKETKEEPER	0.00
## 51	Mukesh Kumar	2000000	BOWLER	5.50
## 52	Rilee Rossouw	20000000	BATSMAN	4.60
## 53	Manish Pandey	10000000	BATSMAN	2.40
## 54	Phil Salt	20000000	WICKETKEEPER	2.00
## 55	Ishant Sharma	5000000	BOWLER	0.50
## 56	Ripal Patel	Retained	ALL-ROUNDER	0.00
## 57	Pravin Dubey	Retained	ALL-ROUNDER	0.00
## 58	Rishabh Pant	Retained	WICKETKEEPER	0.00
## 59	Prithvi Shaw	Retained	BATSMAN	0.00
## 60	Syed Khaleel Ahmed	Retained	BOWLER	0.00
## 61	Yash Dhull	Retained	ALL-ROUNDER	0.00
## 62	Vicky Ostwal	Retained	ALL-ROUNDER	0.00
## 63	Mustafizur Rahman	Retained	BOWLER	0.00
## 64	Sarfaraz Khan	Retained	ALL-ROUNDER	0.00
## 65	Rovman Powell	Retained	BATSMAN	0.00
## 66	Lalit Yadav	Retained	ALL-ROUNDER	0.00
## 67	Axar Patel	Retained	ALL-ROUNDER	0.00
## 68	Anrich Nortje	Retained	BOWLER	0.00
## 69	Aman Khan (T)	Retained	ALL-ROUNDER	0.00
## 70	Chetan Sakariya	Retained	BOWLER	0.00
## 71	David Warner	Retained	BATSMAN	0.00
## 72	Lungisani Ngidi	Retained	BOWLER	0.00
## 73	Kuldeep Yadav	Retained	BOWLER	0.00
## 74	Kamlesh Nagarkoti	Retained	ALL-ROUNDER	0.00
## 75	Mitchell Marsh	Retained	ALL-ROUNDER	0.00
## 76	Shakib Al Hasan	1500000	ALL-ROUNDER	1.50
## 77	David Wiese	10000000	ALL-ROUNDER	1.00
## 78	N. Jagadeesan	2000000	WICKETKEEPER	0.90
## 79	Vaibhav Arora	2000000	BOWLER	0.60
## 80	Litton Das	5000000	WICKETKEEPER	0.50
## 81	Mandeep Singh	5000000	BATSMAN	0.50
## 82	Kulwant Khejroliya	2000000	BOWLER	0.20
## 83	Suyash Sharma	2000000	BOWLER	0.20
## 84	Sunil Narine	Retained	BOWLER	0.00
## 85	Shreyas Iyer	Retained	BATSMAN	0.00
## 86	Tim Southee	Retained	BOWLER	0.00
## 87	Umesh Yadav	Retained	BOWLER	0.00

## 88	Varun Chakaravathy	Retained	BOWLER	0.00
## 89	Shardul Thakur (T)	Retained	BOWLER	0.00
## 90	Venkatesh Iyer	Retained	ALL-ROUNDER	0.00
## 91	Harshit Rana	Retained	BOWLER	0.00
## 92	Anukul Roy	Retained	ALL-ROUNDER	0.00
## 93	Andre Russell	Retained	ALL-ROUNDER	0.00
## 94	Lockie Ferguson (T)	Retained	BOWLER	0.00
## 95	Nitish Rana	Retained	ALL-ROUNDER	0.00
## 96	Rahmanullah Gurbaz (T)	Retained	WICKETKEEPER	0.00
## 97	Rinku Singh	Retained	BATSMAN	0.00
## 98	Sam Curran	2000000	ALL-ROUNDER	18.50
## 99	Sikandar Raza	5000000	ALL-ROUNDER	0.50
## 100	Harpreet Bhatia	2000000	BATSMAN	0.40
## 101	Mohit Rathee	2000000	ALL-ROUNDER	0.20
## 102	Vidwath Kaverappa	2000000	BOWLER	0.20
## 103	Shivam Singh	5000000	WICKETKEEPER	0.20
## 104	Liam Livingstone	Retained	ALL-ROUNDER	0.00
## 105	Baltej Singh Dhanda	Retained	BOWLER	0.00
## 106	Atharva Taide	Retained	ALL-ROUNDER	0.00
## 107	Bhanuka Rajapakse	Retained	BATSMAN	0.00
## 108	Jitesh Sharma	Retained	WICKETKEEPER	0.00
## 109	Nathan Ellis	Retained	BOWLER	0.00
## 110	Jonny Bairstow	Retained	WICKETKEEPER	0.00
## 111	Kagiso Rabada	Retained	BOWLER	0.00
## 112	Harpreet Brar	Retained	ALL-ROUNDER	0.00
## 113	Shahrukh Khan	Retained	ALL-ROUNDER	0.00
## 114	Shikhar Dhawan	Retained	BATSMAN	0.00
## 115	Rahul Chahar	Retained	BOWLER	0.00
## 116	Arshdeep Singh	Retained	BOWLER	0.00
## 117	Prabhsimran Singh	Retained	WICKETKEEPER	0.00
## 118	Raj Angad Bawa	Retained	ALL-ROUNDER	0.00
## 119	Rishi Dhawan	Retained	ALL-ROUNDER	0.00
## 120	Nicholas Pooran	2000000	WICKETKEEPER	16.00
## 121	Daniel Sams	7500000	ALL-ROUNDER	0.75
## 122	Jaydev Unadkat	5000000	BOWLER	0.50
## 123	Naveen Ul Haq	5000000	BOWLER	0.50
## 124	Amit Mishra	5000000	BOWLER	0.50
## 125	Romario Shepherd	5000000	ALL-ROUNDER	0.50
## 126	Yash Thakur	2000000	BOWLER	0.45
## 127	Swapnil Singh	2000000	ALL-ROUNDER	0.20
## 128	Yudhvir Charak	2000000	ALL-ROUNDER	0.20
## 129	Prerak Mankad	2000000	ALL-ROUNDER	0.20
## 130	Mark Wood	Retained	BOWLER	0.00
## 131	Marcus Stoinis	Retained	ALL-ROUNDER	0.00
## 132	Mayank Yadav	Retained	BOWLER	0.00
## 133	Mohsin Khan	Retained	BOWLER	0.00
## 134	Quinton De Kock	Retained	WICKETKEEPER	0.00
## 135	Manan Vohra	Retained	BATSMAN	0.00
## 136	Ravi Bishnoi	Retained	BOWLER	0.00
## 137	Deepak Hooda	Retained	ALL-ROUNDER	0.00
## 138	Ayush Badoni	Retained	ALL-ROUNDER	0.00
## 139	Avesh Khan	Retained	BOWLER	0.00
## 140	K. Gowtham	Retained	ALL-ROUNDER	0.00
## 141	Karan Sharma	Retained	ALL-ROUNDER	0.00

## 142	Krunal Pandya	Retained	ALL-ROUNDER	0.00
## 143	KL Rahul	Retained	BATSMAN	0.00
## 144	Kyle Mayers	Retained	ALL-ROUNDER	0.00
## 145	Cameron Green	20000000	ALL-ROUNDER	17.50
## 146	Jhye Richardson	1500000	BOWLER	1.50
## 147	Piyush Chawla	5000000	BOWLER	0.50
## 148	Raghav Goyal	2000000	BOWLER	0.20
## 149	Shams Mulani	2000000	ALL-ROUNDER	0.20
## 150	Nehal Wadhera	2000000	ALL-ROUNDER	0.20
## 151	Vishnu Vinod	2000000	WICKETKEEPER	0.20
## 152	Duan Jansen	2000000	ALL-ROUNDER	0.20
## 153	Ramandeep Singh	Retained	ALL-ROUNDER	0.00
## 154	N. Tilak Varma	Retained	ALL-ROUNDER	0.00
## 155	Mohd. Arshad Khan	Retained	ALL-ROUNDER	0.00
## 156	Rohit Sharma	Retained	BATSMAN	0.00
## 157	Suryakumar Yadav	Retained	BATSMAN	0.00
## 158	Kumar Kartikeya Singh	Retained	ALL-ROUNDER	0.00
## 159	Tristan Stubbs*	Retained	WICKETKEEPER	0.00
## 160	Tim David	Retained	ALL-ROUNDER	0.00
## 161	Hrithik Shokeen	Retained	ALL-ROUNDER	0.00
## 162	Arjun Tendulkar	Retained	ALL-ROUNDER	0.00
## 163	Akash Madhwal	Retained	BOWLER	0.00
## 164	Dewald Brevis	Retained	BATSMAN	0.00
## 165	Ishan Kishan	Retained	WICKETKEEPER	0.00
## 166	Jasprit Bumrah	Retained	BOWLER	0.00
## 167	Jason Behrendorff (T)	Retained	BOWLER	0.00
## 168	Jofra Archer	Retained	ALL-ROUNDER	0.00
## 169	Will Jacks	1500000	BATSMAN	3.20
## 170	Reece Topley	7500000	BOWLER	1.90
## 171	Rajan Kumar	2000000	BOWLER	0.70
## 172	Avinash Singh	2000000	BOWLER	0.60
## 173	Manoj Bhandage	2000000	ALL-ROUNDER	0.20
## 174	Sonu Yadav	2000000	ALL-ROUNDER	0.20
## 175	Himanshu Sharma	2000000	BOWLER	0.20
## 176	Rajat Patidar	Retained	BATSMAN	0.00
## 177	Mahipal Lomror	Retained	BOWLER	0.00
## 178	Shahbaz Ahamad	Retained	ALL-ROUNDER	0.00
## 179	Mohammed Siraj	Retained	BOWLER	0.00
## 180	Wanindu Hasaranga	Retained	ALL-ROUNDER	0.00
## 181	Karn Sharma	Retained	BOWLER	0.00
## 182	Virat Kohli	Retained	BATSMAN	0.00
## 183	Suyash Prabhudessai	Retained	ALL-ROUNDER	0.00
## 184	Siddharth Kaul	Retained	BOWLER	0.00
## 185	Finn Allen	Retained	BATSMAN	0.00
## 186	David Willey	Retained	ALL-ROUNDER	0.00
## 187	Anuj Rawat	Retained	WICKETKEEPER	0.00
## 188	Akash Deep	Retained	BOWLER	0.00
## 189	Dinesh Karthik	Retained	WICKETKEEPER	0.00
## 190	Faf Du Plessis	Retained	BATSMAN	0.00
## 191	Harshal Patel	Retained	ALL-ROUNDER	0.00
## 192	Glenn Maxwell	Retained	ALL-ROUNDER	0.00
## 193	Josh Hazlewood	Retained	BOWLER	0.00
## 194	Jason Holder	20000000	ALL-ROUNDER	5.75
## 195	Adam Zampa	1500000	BOWLER	1.50

## 196	Joe Root	10000000	BATSMAN	1.00
## 197	Donovan Ferreira	2000000	WICKETKEEPER	0.50
## 198	K.M. Asif	3000000	BOWLER	0.30
## 199	Kunal Rathore	2000000	WICKETKEEPER	0.20
## 200	Abdul P A	2000000	ALL-ROUNDER	0.20
## 201	Akash Vashisht	2000000	ALL-ROUNDER	0.20
## 202	Murugan Ashwin	2000000	BOWLER	0.20
## 203	Sanju Samson	Retained	WICKETKEEPER	0.00
## 204	Riyan Parag	Retained	ALL-ROUNDER	0.00
## 205	R. Ashwin	Retained	ALL-ROUNDER	0.00
## 206	Shimron Hetmyer	Retained	BATSMAN	0.00
## 207	Trent Boult	Retained	BOWLER	0.00
## 208	Prasidh Krishna	Retained	BOWLER	0.00
## 209	Yuzvendra Chahal	Retained	BOWLER	0.00
## 210	Yashasvi Jaiswal	Retained	BATSMAN	0.00
## 211	K.C Cariappa	Retained	BOWLER	0.00
## 212	Dhruv Jurel	Retained	WICKETKEEPER	0.00
## 213	Devdutt Padikkal	Retained	BATSMAN	0.00
## 214	Jos Buttler	Retained	WICKETKEEPER	0.00
## 215	Kuldeep Sen	Retained	BOWLER	0.00
## 216	Navdeep Saini	Retained	BOWLER	0.00
## 217	Kuldip Yadav	Retained	BOWLER	0.00
## 218	Obed Mccoy	Retained	BOWLER	0.00
## 219	Harry Brook	15000000	BATSMAN	13.25
## 220	Mayank Agarwal	10000000	BATSMAN	8.25
## 221	Heinrich Klaasen	10000000	WICKETKEEPER	5.25
## 222	Vivrant Sharma	2000000	ALL-ROUNDER	2.60
## 223	Adil Rashid	20000000	BOWLER	2.00
## 224	Mayank Dagar	2000000	ALL-ROUNDER	1.80
## 225	Akeal Hosein	10000000	BOWLER	1.00
## 226	Mayank Markande	5000000	BOWLER	0.50
## 227	Upendra Singh Yadav	2000000	WICKETKEEPER	0.25
## 228	Nitish Kumar Reddy	2000000	WICKETKEEPER	0.20
## 229	Samarth Vyas	2000000	ALL-ROUNDER	0.20
## 230	Anmolpreet Singh	2000000	BATSMAN	0.20
## 231	Sanvir Singh	2000000	ALL-ROUNDER	0.20
## 232	Marco Jansen	Retained	ALL-ROUNDER	0.00
## 233	Rahul Tripathi	Retained	BATSMAN	0.00
## 234	Umaran Malik	Retained	BOWLER	0.00
## 235	Washington Sundar	Retained	ALL-ROUNDER	0.00
## 236	Kartik Tyagi	Retained	BOWLER	0.00
## 237	T. Natarajan	Retained	BOWLER	0.00
## 238	Fazalhaq Farooqi	Retained	BOWLER	0.00
## 239	Abdul Samad	Retained	BATSMAN	0.00
## 240	Abhishek Sharma	Retained	ALL-ROUNDER	0.00
## 241	Aiden Markram	Retained	BATSMAN	0.00
## 242	Bhuvneshwar Kumar	Retained	BOWLER	0.00
## 243	Glenn Phillips	Retained	WICKETKEEPER	0.00
## 244	Tom Banton	20000000	WICKETKEEPER	NA
## 245	Kusal Mendis	5000000	WICKETKEEPER	NA
## 246	Chris Jordan	20000000	BOWLER	NA
## 247	Adam Milne	20000000	BOWLER	NA
## 248	Mujeeb Rahman	10000000	BOWLER	NA
## 249	Tabraiz Shamsi	10000000	BOWLER	NA

## 250	Shubham Khajuria	2000000	BATSMAN	NA
## 251	Rohan Kunnummal	2000000	BATSMAN	NA
## 252	Chethan L.R.	2000000	BATSMAN	NA
## 253	Himmat Singh	2000000	BATSMAN	NA
## 254	Corbin Bosch	2000000	ALL-ROUNDER	NA
## 255	Priyam Garg	2000000	ALL-ROUNDER	NA
## 256	Saurabh Kumar	2000000	ALL-ROUNDER	NA
## 257	Shashank Singh	2000000	ALL-ROUNDER	NA
## 258	Mohammed Azharuddeen	2000000	WICKETKEEPER	NA
## 259	Dinesh Bana	2000000	WICKETKEEPER	NA
## 260	Abhimanyu Easwaran	2000000	WICKETKEEPER	NA
## 261	Sumit Kumar	2000000	WICKETKEEPER	NA
## 262	Lance Morris	3000000	BOWLER	NA
## 263	Mujtaba Yousuf	2000000	BOWLER	NA
## 264	Chintal Gandhi	2000000	BOWLER	NA
## 265	Shreyas Gopal	2000000	BOWLER	NA
## 266	S Midhun	2000000	BOWLER	NA
## 267	Izharulhuq Naveed	2000000	BOWLER	NA
## 268	Travis Head	20000000	BATSMAN	NA
## 269	Dawid Malan	1500000	BATSMAN	NA
## 270	Sherfane Rutherford	1500000	BATSMAN	NA
## 271	Paul Stirling	5000000	BATSMAN	NA
## 272	Rassie Van Der Dussen	20000000	BATSMAN	NA
## 273	Daryl Mitchell	10000000	ALL-ROUNDER	NA
## 274	Mohammad Nabi	10000000	ALL-ROUNDER	NA
## 275	Jimmy Neesham	20000000	ALL-ROUNDER	NA
## 276	Wayne Parnell	7500000	ALL-ROUNDER	NA
## 277	Dasun Shanaka	5000000	ALL-ROUNDER	NA
## 278	Taskin Ahmed	5000000	BOWLER	NA
## 279	Dushmanta Chameera	5000000	BOWLER	NA
## 280	Riley Meredith	1500000	BOWLER	NA
## 281	Blessing Muzarabani	5000000	BOWLER	NA
## 282	Sandeep Sharma	5000000	BOWLER	NA
## 283	Johnson Charles	5000000	WICKETKEEPER	NA
## 284	Andre Fletcher	5000000	WICKETKEEPER	NA
## 285	Shai Hope	10000000	WICKETKEEPER	NA
## 286	Tom Latham	10000000	WICKETKEEPER	NA
## 287	Joshua Philippe	7500000	WICKETKEEPER	NA
## 288	Lorcan Tucker	5000000	WICKETKEEPER	NA
## 289	Shahbaz Nadeem	5000000	BOWLER	NA
## 290	Ish Sodhi	7500000	BOWLER	NA
## 291	Sachin Baby	2000000	BATSMAN	NA
## 292	Ashwin Hebbar	2000000	BATSMAN	NA
## 293	Pukhraj Mann	2000000	BATSMAN	NA
## 294	Akshat Raghuvanshi	2000000	BATSMAN	NA
## 295	Himanshu Rana	2000000	BATSMAN	NA
## 296	Shoun Roger	2000000	BATSMAN	NA
## 297	Virat Singh	2000000	BATSMAN	NA
## 298	Will Smeed	4000000	BATSMAN	NA
## 299	Apoorv Wankhade	3000000	BATSMAN	NA
## 300	Gerald Coetzee	2000000	ALL-ROUNDER	NA
## 301	Evan Jones	2000000	ALL-ROUNDER	NA
## 302	Abid Mushtaq	2000000	ALL-ROUNDER	NA
## 303	Suryansh Shedge	2000000	ALL-ROUNDER	NA

## 304	Jagadeesha Suchith	2000000	ALL-ROUNDER	NA
## 305	Ricky Bhui	2000000	WICKETKEEPER	NA
## 306	Baba Indrajith	2000000	WICKETKEEPER	NA
## 307	Sheldon Jackson	2000000	WICKETKEEPER	NA
## 308	Aryan Juyal	2000000	WICKETKEEPER	NA
## 309	Kirant Shinde	2000000	WICKETKEEPER	NA
## 310	Luvnith Sisodia	2000000	WICKETKEEPER	NA
## 311	Vishnu Solanki	2000000	WICKETKEEPER	NA
## 312	Aniket Choudhary	3000000	BOWLER	NA
## 313	Ravi Kumar	2000000	BOWLER	NA
## 314	Sushant Mishra	2000000	BOWLER	NA
## 315	Arzan Nagwaswalla	2000000	BOWLER	NA
## 316	Ishan Porel	2000000	BOWLER	NA
## 317	Akash Singh	2000000	BOWLER	NA
## 318	Basil Thampi	2000000	BOWLER	NA
## 319	Paul Van Meekeren	2000000	BOWLER	NA
## 320	Vyshak Vijay Kumar	2000000	BOWLER	NA
## 321	S.Ajith Ram	2000000	BOWLER	NA
## 322	Satyajeet Bachhav	2000000	BOWLER	NA
## 323	Tejas Baroka	2000000	BOWLER	NA
## 324	Yuvraj Chudasama	2000000	BOWLER	NA
## 325	Peter Hatzoglou	2000000	BOWLER	NA
## 326	Karthik Meiyappan	2000000	BOWLER	NA
## 327	Shivam Sharma	2000000	BOWLER	NA
## 328	Reeza Hendricks	5000000	BATSMAN	NA
## 329	Christiaan Jonker	5000000	BATSMAN	NA
## 330	Brandon King	5000000	BATSMAN	NA
## 331	Chris Lynn	20000000	BATSMAN	NA
## 332	Karun Nair	5000000	BATSMAN	NA
## 333	Pathum Nissaanka	5000000	BATSMAN	NA
## 334	Jason Roy	1500000	BATSMAN	NA
## 335	Gurkeerat Singh	5000000	BATSMAN	NA
## 336	Harry Tector	5000000	BATSMAN	NA
## 337	Najibullah Zadran	5000000	BATSMAN	NA
## 338	Sean Abbott	1500000	ALL-ROUNDER	NA
## 339	Qais Ahmad	5000000	ALL-ROUNDER	NA
## 340	Charith Asalanka	5000000	ALL-ROUNDER	NA
## 341	Michael Bracewell	10000000	ALL-ROUNDER	NA
## 342	Dominic Drakes	5000000	ALL-ROUNDER	NA
## 343	George Garton	5000000	ALL-ROUNDER	NA
## 344	Chamika Karunaratne	5000000	ALL-ROUNDER	NA
## 345	Jamie Overton	20000000	ALL-ROUNDER	NA
## 346	Sandeep Warrier	5000000	ALL-ROUNDER	NA
## 347	Ben Dwarshuis	5000000	BOWLER	NA
## 348	Richard Gleeson	5000000	BOWLER	NA
## 349	Lahiru Kumara	5000000	BOWLER	NA
## 350	Dilshan Madushanka	5000000	BOWLER	NA
## 351	Billy Stanlake	5000000	BOWLER	NA
## 352	Andrew Tye	10000000	BOWLER	NA
## 353	Luke Wood	10000000	BOWLER	NA
## 354	Priyansh Arya	2000000	BATSMAN	NA
## 355	Matthew Breetzke	2000000	BATSMAN	NA
## 356	Shivam Chauhan	2000000	BATSMAN	NA
## 357	Rahul Gahlaut	2000000	BATSMAN	NA

## 358	Sudip Gharami	2000000	BATSMAN	NA
## 359	C. Hari Nishaanth	2000000	BATSMAN	NA
## 360	Amandeep Khare	2000000	BATSMAN	NA
## 361	Bhanu Pania	2000000	BATSMAN	NA
## 362	Ekant Sen	2000000	BATSMAN	NA
## 363	Akash Singh	2000000	BATSMAN	NA
## 364	Himanshu Bisht	2000000	ALL-ROUNDER	NA
## 365	Mickil Jaiswal	2000000	ALL-ROUNDER	NA
## 366	G.Aniketh Reddy	2000000	ALL-ROUNDER	NA
## 367	Atit Sheth	2000000	ALL-ROUNDER	NA
## 368	M. Siddharth	2000000	ALL-ROUNDER	NA
## 369	Tanay Thyagarajann	2000000	ALL-ROUNDER	NA
## 370	Sumeet Verma	2000000	ALL-ROUNDER	NA
## 371	Sanjay Yadav	2000000	ALL-ROUNDER	NA
## 372	Ajitesh Guruswamy	2000000	WICKETKEEPER	NA
## 373	Yash Kothari	2000000	WICKETKEEPER	NA
## 374	Suresh Kumar	2000000	WICKETKEEPER	NA
## 375	Kumar Kushagra	2000000	WICKETKEEPER	NA
## 376	Anmol Malhotra	2000000	WICKETKEEPER	NA
## 377	Robin Minz	2000000	WICKETKEEPER	NA
## 378	Agniv Pan	2000000	WICKETKEEPER	NA
## 379	Priyesh Patel	2000000	WICKETKEEPER	NA
## 380	Mitesh Patel	2000000	WICKETKEEPER	NA
## 381	Abishek Porel	2000000	WICKETKEEPER	NA
## 382	Bharat Sharma	2000000	WICKETKEEPER	NA
## 383	Vivek Singh	2000000	WICKETKEEPER	NA
## 384	Abhijeet Tomar	2000000	WICKETKEEPER	NA
## 385	Basit Bashir	2000000	BOWLER	NA
## 386	Nandre Burger	2000000	BOWLER	NA
## 387	Rasikh Dar	2000000	BOWLER	NA
## 388	Sakib Hussain	2000000	BOWLER	NA
## 389	Waseem Khanday	2000000	BOWLER	NA
## 390	Ravi Kiran Majeti	2000000	BOWLER	NA
## 391	Lukman Hussain Meriwala	2000000	BOWLER	NA
## 392	Anuj Raj	2000000	BOWLER	NA
## 393	Ankit Singh Rajpoot	2000000	BOWLER	NA
## 394	Prince Yadav	2000000	BOWLER	NA
## 395	Prithviraj Yarra	2000000	BOWLER	NA
## 396	Mushtaq Beg	2000000	BOWLER	NA
## 397	Rocky Bhasker	2000000	BOWLER	NA
## 398	Sanjith Devaraj	2000000	BOWLER	NA
## 399	Allah Mohammad	2000000	BOWLER	NA
## 400	Lalit Mohan	2000000	BOWLER	NA
## 401	Bhuwan Rohilla	2000000	BOWLER	NA
## 402	Aman Sharma	2000000	BOWLER	NA
## 403	Manav Suthar	2000000	BOWLER	NA
## 404	Tom Curran	7500000	ALL-ROUNDER	NA
## 405	Moises Henriques	10000000	ALL-ROUNDER	NA
## 406	Afif Hossain	5000000	ALL-ROUNDER	NA
## 407	Scott Kuggeleijn	5000000	ALL-ROUNDER	NA
## 408	Sisanda Magala	5000000	ALL-ROUNDER	NA
## 409	Craig Overton	20000000	ALL-ROUNDER	NA
## 410	Darcy Short	7500000	ALL-ROUNDER	NA
## 411	Dhananjaya Silva	5000000	ALL-ROUNDER	NA

## 412	Dunith Wellalage	5000000	ALL-ROUNDER	NA
## 413	Varun Aaron	5000000	BOWLER	NA
## 414	Sheldon Cottrel	5000000	BOWLER	NA
## 415	Nathan Coulter-Nile	1500000	BOWLER	NA
## 416	Daryn Dupavillon	5000000	BOWLER	NA
## 417	Matt Henry	10000000	BOWLER	NA
## 418	Dhawal Kulkarni	5000000	BOWLER	NA
## 419	Tymal Mills	20000000	BOWLER	NA
## 420	David Payne	7500000	BOWLER	NA
## 421	Barinder Sran	5000000	BOWLER	NA
## 422	Glenton Stuurman	5000000	BOWLER	NA
## 423	Anirudh Balachander	2000000	BATSMAN	NA
## 424	Gourav Choudhary	2000000	BATSMAN	NA
## 425	Saurav Chuahan	2000000	BATSMAN	NA
## 426	Kumar Deobrat	2000000	BATSMAN	NA
## 427	Chirag Gandhi	2000000	BATSMAN	NA
## 428	Arman Jaffer	2000000	BATSMAN	NA
## 429	Madhav Kaushik	2000000	BATSMAN	NA
## 430	Priyank Panchal	2000000	BATSMAN	NA
## 431	Ayush Pandey	2000000	BATSMAN	NA
## 432	Rohan Patil	2000000	BATSMAN	NA
## 433	Sanjay Ramaswamy	2000000	BATSMAN	NA
## 434	Siddharth Yadav	2000000	BATSMAN	NA
## 435	Rehan Ahmed	4000000	ALL-ROUNDER	NA
## 436	Prayas Barman	2000000	ALL-ROUNDER	NA
## 437	Rahul Buddhi	2000000	ALL-ROUNDER	NA
## 438	Vaisakh Chandran	2000000	ALL-ROUNDER	NA
## 439	Writtick Chatterjee	2000000	ALL-ROUNDER	NA
## 440	Prashant Chopra	2000000	ALL-ROUNDER	NA
## 441	Harsh Dubey	2000000	ALL-ROUNDER	NA
## 442	Tanush Kotian	2000000	ALL-ROUNDER	NA
## 443	Ninad Rathva	2000000	ALL-ROUNDER	NA
## 444	B. Surya	2000000	ALL-ROUNDER	NA
## 445	Jordan Thompson	4000000	ALL-ROUNDER	NA
## 446	Shivank Vashisth	2000000	ALL-ROUNDER	NA
## 447	Ankush Bains	2000000	WICKETKEEPER	NA
## 448	Christopher Benjamin	2000000	WICKETKEEPER	NA
## 449	Connor Esterhuizen	2000000	WICKETKEEPER	NA
## 450	Mohd Arslan Khan	2000000	WICKETKEEPER	NA
## 451	Mamidi Krishna	2000000	WICKETKEEPER	NA
## 452	Fazil Makaya	2000000	WICKETKEEPER	NA
## 453	Akshdeep Nath	2000000	WICKETKEEPER	NA
## 454	Deepak Punia	2000000	WICKETKEEPER	NA
## 455	Ateev Saini	2000000	WICKETKEEPER	NA
## 456	Bipin Saurabh	2000000	WICKETKEEPER	NA
## 457	B.R. Sharath	2000000	WICKETKEEPER	NA
## 458	Yashovardhan Singh	2000000	WICKETKEEPER	NA
## 459	Lakshay Thareja	2000000	WICKETKEEPER	NA
## 460	Mohit Avasthi	2000000	BOWLER	NA
## 461	Ottneil Baartman	2000000	BOWLER	NA
## 462	Gurnoor Singh Brar	2000000	BOWLER	NA
## 463	Shahrukh Dar	2000000	BOWLER	NA
## 464	Thomas Helm	4000000	BOWLER	NA
## 465	Pankaj Jaswal	2000000	BOWLER	NA

## 466	Venkatesh Muralidhara	2000000	BOWLER	NA
## 467	Geet Puri	2000000	BOWLER	NA
## 468	E. Sanketh	2000000	BOWLER	NA
## 469	Ajay Sarkar	2000000	BOWLER	NA
## 470	Ashok Sharma	2000000	BOWLER	NA
## 471	Kanwar Singh	2000000	BOWLER	NA
## 472	Fabian Allen	5000000	ALL-ROUNDER	NA
## 473	Carlos Brathwaite	7500000	ALL-ROUNDER	NA
## 474	Roston Chase	10000000	ALL-ROUNDER	NA
## 475	Rahkeem Cornwall	10000000	ALL-ROUNDER	NA
## 476	Karim Janat	5000000	ALL-ROUNDER	NA
## 477	Keshav Maharaj	5000000	ALL-ROUNDER	NA
## 478	Pawan Negi	5000000	ALL-ROUNDER	NA
## 479	Keemo Paul	5000000	ALL-ROUNDER	NA
## 480	Shivam Chaudhary	2000000	ALL-ROUNDER	NA
## 481	Ashwin Das	2000000	ALL-ROUNDER	NA
## 482	James Fuller	4000000	ALL-ROUNDER	NA
## 483	Chirag Jani	2000000	ALL-ROUNDER	NA
## 484	Akshay Karnewar	2000000	ALL-ROUNDER	NA
## 485	Bhagmender Lather	2000000	ALL-ROUNDER	NA
## 486	Lone Muzaffar	2000000	ALL-ROUNDER	NA
## 487	Pulkit Narang	2000000	ALL-ROUNDER	NA
## 488	Rohit Rayudu	2000000	ALL-ROUNDER	NA
## 489	Sameer Rizvi	2000000	ALL-ROUNDER	NA
## 490	Tunish Sawkar	2000000	ALL-ROUNDER	NA
## 491	Auqib Dar	2000000	BOWLER	NA
## 492	Mukhtar Hussain	2000000	BOWLER	NA
## 493	Ashwani Kumar	2000000	BOWLER	NA
## 494	Hemant Kumar	2000000	BOWLER	NA
## 495	Nathan McAndrew	2000000	BOWLER	NA
## 496	Rajesh Mohanty	2000000	BOWLER	NA
## 497	Ravi Sharma	2000000	BOWLER	NA
## 498	Vikash Singh	2000000	BOWLER	NA
## 499	Ruben Trumpelmann	2000000	BOWLER	NA
## 500	Koushik Vasuki	2000000	BOWLER	NA
## 501	Vasu Vats	2000000	BOWLER	NA
## 502	Shubham Agrawal	2000000	ALL-ROUNDER	NA
## 503	Baba Aparajith	2000000	ALL-ROUNDER	NA
## 504	Anshul Kamboj	2000000	ALL-ROUNDER	NA
## 505	Azim Kazi	2000000	ALL-ROUNDER	NA
## 506	Dev Lakra	2000000	ALL-ROUNDER	NA
## 507	Jitender Pal	2000000	ALL-ROUNDER	NA
## 508	Ritwik Roy Chowdhury	2000000	ALL-ROUNDER	NA
## 509	Utkarsh Singh	2000000	ALL-ROUNDER	NA
## 510	Shubham Singh	2000000	ALL-ROUNDER	NA
## 511	Avneesh Sudha	2000000	ALL-ROUNDER	NA
## 512	Asad Jamil Ahmed	2000000	BOWLER	NA
## 513	Bandaru Ayyappa	2000000	BOWLER	NA
## 514	Aashish Bhatt	2000000	BOWLER	NA
## 515	McKenny Clarke	2000000	BOWLER	NA
## 516	Shubham Kapse	2000000	BOWLER	NA
## 517	Gourav Koul	2000000	BOWLER	NA
## 518	Raunak Kumar	2000000	BOWLER	NA
## 519	Trilok Nag	2000000	BOWLER	NA

## 520	Atal Bihari Rai	2000000	BOWLER	NA
## 521	Ramon Simmonds	2000000	BOWLER	NA
## 522	Rajeev Singh	2000000	BOWLER	NA
## 523	Mohd. Wasim	2000000	BOWLER	NA
## 524	Atharva Ankolekar	2000000	ALL-ROUNDER	NA
## 525	Khizar Dafedar	2000000	ALL-ROUNDER	NA
## 526	Naman Dhir	2000000	ALL-ROUNDER	NA
## 527	Sahil Dhiwan	2000000	ALL-ROUNDER	NA
## 528	Sampark Gupta	2000000	ALL-ROUNDER	NA
## 529	Jordan Hermann	2000000	ALL-ROUNDER	NA
## 530	Hayden Kerr	2000000	ALL-ROUNDER	NA
## 531	Salman Khan	2000000	ALL-ROUNDER	NA
## 532	Sairaj Patil	2000000	ALL-ROUNDER	NA
## 533	Divyaansh Saxena	2000000	ALL-ROUNDER	NA
## 534	Purnank Tyagi	2000000	ALL-ROUNDER	NA
## 535	Prince Yadav	2000000	ALL-ROUNDER	NA
## 536	Deepraj Gaonkar	2000000	ALL-ROUNDER	NA
## 537	Shubham Garhwal	2000000	ALL-ROUNDER	NA
## 538	Benny Howell	4000000	ALL-ROUNDER	NA
## 539	Deepesh Nailwal	2000000	ALL-ROUNDER	NA
## 540	Arjun Rapria	2000000	ALL-ROUNDER	NA
## 541	Shashwat Rawat	2000000	ALL-ROUNDER	NA
## 542	Sumit Ruikar	2000000	ALL-ROUNDER	NA
## 543	Shivam Sharma	2000000	ALL-ROUNDER	NA
## 544	Rajandeep Singh	2000000	ALL-ROUNDER	NA
## 545	Anunay Singh	2000000	ALL-ROUNDER	NA
## 546	Digvesh Singh	2000000	ALL-ROUNDER	NA
## 547	Pranshu Vijayran	2000000	ALL-ROUNDER	NA
## 548	Prerit Dutta	2000000	ALL-ROUNDER	NA
## 549	Ramakrishna Ghosh	2000000	ALL-ROUNDER	NA
## 550	Shubhang Hegde	2000000	ALL-ROUNDER	NA
## 551	Shamshuzama Kazi	2000000	ALL-ROUNDER	NA
## 552	Ayaz Khan	2000000	ALL-ROUNDER	NA
## 553	Amit Pachhara	2000000	ALL-ROUNDER	NA
## 554	Akul Pandove	2000000	ALL-ROUNDER	NA
## 555	Garv Sangwan	2000000	ALL-ROUNDER	NA
## 556	Shubham Sharma	2000000	ALL-ROUNDER	NA
## 557	Amit Yadav	2000000	ALL-ROUNDER	NA
## 558	Amit Ali	2000000	ALL-ROUNDER	NA
## 559	Rishabh Chauhan	2000000	ALL-ROUNDER	NA
## 560	Matthew Forde	2000000	ALL-ROUNDER	NA
## 561	Sammar Gajjar	2000000	ALL-ROUNDER	NA
## 562	Rajneesh Gurbani	2000000	ALL-ROUNDER	NA
## 563	Divyansh Joshi	2000000	ALL-ROUNDER	NA
## 564	Dhruv Patel	2000000	ALL-ROUNDER	NA
## 565	Jack Prestwidge	2000000	ALL-ROUNDER	NA
## 566	Aditya Sarvate	2000000	ALL-ROUNDER	NA
## 567	Sagar Solanki	2000000	ALL-ROUNDER	NA
## 568	Prenelan Subrayen	2000000	ALL-ROUNDER	NA
##	Cost.in....K. X2022.Squad	X2023.Squad		
## 1	720	KKR	GT	
## 2	528		GT	
## 3	240	SRH	GT	
## 4	144	DC	GT	

## 5	60		GT
## 6	60	PBKS	GT
## 7	24		GT
## 8	0	GT	GT
## 9	0	GT	GT
## 10	0	GT	GT
## 11	0	GT	GT
## 12	0	GT	GT
## 13	0	GT	GT
## 14	0	GT	GT
## 15	0	GT	GT
## 16	0	GT	GT
## 17	0	GT	GT
## 18	0	GT	GT
## 19	0	GT	GT
## 20	0	GT	GT
## 21	0	GT	GT
## 22	0	GT	GT
## 23	0	GT	GT
## 24	0	GT	GT
## 25	0	GT	GT
## 26	1950		CSK
## 27	120		CSK
## 28	72		CSK
## 29	60	KKR	CSK
## 30	24	CSK	CSK
## 31	24		CSK
## 32	24		CSK
## 33	0	CSK	CSK
## 34	0	CSK	CSK
## 35	0	CSK	CSK
## 36	0	CSK	CSK
## 37	0	CSK	CSK
## 38	0	CSK	CSK
## 39	0	CSK	CSK
## 40	0	CSK	CSK
## 41	0	CSK	CSK
## 42	0	CSK	CSK
## 43	0	CSK	CSK
## 44	0	CSK	CSK
## 45	0	CSK	CSK
## 46	0	CSK	CSK
## 47	0	CSK	CSK
## 48	0	CSK	CSK
## 49	0	CSK	CSK
## 50	0	CSK	CSK
## 51	660		DC
## 52	552		DC
## 53	288	LSG	DC
## 54	240		DC
## 55	60		DC
## 56	0	DC	DC
## 57	0	DC	DC
## 58	0	DC	DC

## 59	0	DC	DC
## 60	0	DC	DC
## 61	0	DC	DC
## 62	0	DC	DC
## 63	0	DC	DC
## 64	0	DC	DC
## 65	0	DC	DC
## 66	0	DC	DC
## 67	0	DC	DC
## 68	0	DC	DC
## 69	0	DC	DC
## 70	0	DC	DC
## 71	0	DC	DC
## 72	0	DC	DC
## 73	0	DC	DC
## 74	0	DC	DC
## 75	0	DC	DC
## 76	180		KKR
## 77	120		KKR
## 78	108	CSK	KKR
## 79	72	PBKS	KKR
## 80	60		KKR
## 81	60	DC	KKR
## 82	24		KKR
## 83	24		KKR
## 84	0	KKR	KKR
## 85	0	KKR	KKR
## 86	0	KKR	KKR
## 87	0	KKR	KKR
## 88	0	KKR	KKR
## 89	0	KKR	KKR
## 90	0	KKR	KKR
## 91	0	KKR	KKR
## 92	0	KKR	KKR
## 93	0	KKR	KKR
## 94	0	KKR	KKR
## 95	0	KKR	KKR
## 96	0	KKR	KKR
## 97	0	KKR	KKR
## 98	2220		PBKS
## 99	60		PBKS
## 100	48		PBKS
## 101	24		PBKS
## 102	24		PBKS
## 103	24		PBKS
## 104	0	PBKS	PBKS
## 105	0	PBKS	PBKS
## 106	0	PBKS	PBKS
## 107	0	PBKS	PBKS
## 108	0	PBKS	PBKS
## 109	0	PBKS	PBKS
## 110	0	PBKS	PBKS
## 111	0	PBKS	PBKS
## 112	0	PBKS	PBKS

## 113	0	PBKS	PBKS
## 114	0	PBKS	PBKS
## 115	0	PBKS	PBKS
## 116	0	PBKS	PBKS
## 117	0	PBKS	PBKS
## 118	0	PBKS	PBKS
## 119	0	PBKS	PBKS
## 120	1920	SRH	LSG
## 121	90	MI	LSG
## 122	60	MI	LSG
## 123	60		LSG
## 124	60		LSG
## 125	60	SRH	LSG
## 126	54		LSG
## 127	24		LSG
## 128	24		LSG
## 129	24	PBKS	LSG
## 130	0	LSG	LSG
## 131	0	LSG	LSG
## 132	0	LSG	LSG
## 133	0	LSG	LSG
## 134	0	LSG	LSG
## 135	0	LSG	LSG
## 136	0	LSG	LSG
## 137	0	LSG	LSG
## 138	0	LSG	LSG
## 139	0	LSG	LSG
## 140	0	LSG	LSG
## 141	0	LSG	LSG
## 142	0	LSG	LSG
## 143	0	LSG	LSG
## 144	0	LSG	LSG
## 145	2100		MI
## 146	180		MI
## 147	60		MI
## 148	24		MI
## 149	24		MI
## 150	24		MI
## 151	24	SRH	MI
## 152	24		MI
## 153	0	MI	MI
## 154	0	MI	MI
## 155	0	MI	MI
## 156	0	MI	MI
## 157	0	MI	MI
## 158	0	MI	MI
## 159	0	MI	MI
## 160	0	MI	MI
## 161	0	MI	MI
## 162	0	MI	MI
## 163	0	MI	MI
## 164	0	MI	MI
## 165	0	MI	MI
## 166	0	MI	MI

## 167	0	MI	MI
## 168	0	MI	MI
## 169	384		RCB
## 170	228		RCB
## 171	84		RCB
## 172	72		RCB
## 173	24		RCB
## 174	24		RCB
## 175	24		RCB
## 176	0	RCB	RCB
## 177	0	RCB	RCB
## 178	0	RCB	RCB
## 179	0	RCB	RCB
## 180	0	RCB	RCB
## 181	0	RCB	RCB
## 182	0	RCB	RCB
## 183	0	RCB	RCB
## 184	0	RCB	RCB
## 185	0	RCB	RCB
## 186	0	RCB	RCB
## 187	0	RCB	RCB
## 188	0	RCB	RCB
## 189	0	RCB	RCB
## 190	0	RCB	RCB
## 191	0	RCB	RCB
## 192	0	RCB	RCB
## 193	0	RCB	RCB
## 194	690	LSG	RR
## 195	180		RR
## 196	120		RR
## 197	60		RR
## 198	36	CSK	RR
## 199	24		RR
## 200	24		RR
## 201	24		RR
## 202	24	MI	RR
## 203	0	RR	RR
## 204	0	RR	RR
## 205	0	RR	RR
## 206	0	RR	RR
## 207	0	RR	RR
## 208	0	RR	RR
## 209	0	RR	RR
## 210	0	RR	RR
## 211	0	RR	RR
## 212	0	RR	RR
## 213	0	RR	RR
## 214	0	RR	RR
## 215	0	RR	RR
## 216	0	RR	RR
## 217	0	RR	RR
## 218	0	RR	RR
## 219	1590		SRH
## 220	990	PBKS	SRH

## 221	630		SRH
## 222	312		SRH
## 223	240		SRH
## 224	216		SRH
## 225	120		SRH
## 226	60	MI	SRH
## 227	30		SRH
## 228	24		SRH
## 229	24		SRH
## 230	24	MI	SRH
## 231	24		SRH
## 232	0	SRH	SRH
## 233	0	SRH	SRH
## 234	0	SRH	SRH
## 235	0	SRH	SRH
## 236	0	SRH	SRH
## 237	0	SRH	SRH
## 238	0	SRH	SRH
## 239	0	SRH	SRH
## 240	0	SRH	SRH
## 241	0	SRH	SRH
## 242	0	SRH	SRH
## 243	0	SRH	SRH
## 244	NA		Unsold
## 245	NA		Unsold
## 246	NA	CSK	Unsold
## 247	NA	CSK	Unsold
## 248	NA		Unsold
## 249	NA		Unsold
## 250	NA		Unsold
## 251	NA		Unsold
## 252	NA		Unsold
## 253	NA		Unsold
## 254	NA	RR	Unsold
## 255	NA	SRH	Unsold
## 256	NA		Unsold
## 257	NA	SRH	Unsold
## 258	NA		Unsold
## 259	NA		Unsold
## 260	NA		Unsold
## 261	NA		Unsold
## 262	NA		Unsold
## 263	NA		Unsold
## 264	NA		Unsold
## 265	NA	SRH	Unsold
## 266	NA		Unsold
## 267	NA		Unsold
## 268	NA		Unsold
## 269	NA		Unsold
## 270	NA	RCB	Unsold
## 271	NA		Unsold
## 272	NA	RR	Unsold
## 273	NA	RR	Unsold
## 274	NA	KKR	Unsold

## 275	NA	RR	Unsold
## 276	NA		Unsold
## 277	NA		Unsold
## 278	NA		Unsold
## 279	NA	LSG	Unsold
## 280	NA	MI	Unsold
## 281	NA		Unsold
## 282	NA	PBKS	Unsold
## 283	NA		Unsold
## 284	NA		Unsold
## 285	NA		Unsold
## 286	NA		Unsold
## 287	NA		Unsold
## 288	NA		Unsold
## 289	NA	LSG	Unsold
## 290	NA		Unsold
## 291	NA		Unsold
## 292	NA	DC	Unsold
## 293	NA		Unsold
## 294	NA		Unsold
## 295	NA		Unsold
## 296	NA		Unsold
## 297	NA		Unsold
## 298	NA		Unsold
## 299	NA		Unsold
## 300	NA		Unsold
## 301	NA		Unsold
## 302	NA		Unsold
## 303	NA		Unsold
## 304	NA	SRH	Unsold
## 305	NA		Unsold
## 306	NA	KKR	Unsold
## 307	NA	KKR	Unsold
## 308	NA	MI	Unsold
## 309	NA		Unsold
## 310	NA	RCB	Unsold
## 311	NA		Unsold
## 312	NA		Unsold
## 313	NA		Unsold
## 314	NA	SRH	Unsold
## 315	NA		Unsold
## 316	NA	PBKS	Unsold
## 317	NA		Unsold
## 318	NA	MI	Unsold
## 319	NA		Unsold
## 320	NA		Unsold
## 321	NA		Unsold
## 322	NA		Unsold
## 323	NA	RR	Unsold
## 324	NA		Unsold
## 325	NA		Unsold
## 326	NA		Unsold
## 327	NA		Unsold
## 328	NA		Unsold

## 329	NA		Unsold
## 330	NA		Unsold
## 331	NA		Unsold
## 332	NA	RR	Unsold
## 333	NA		Unsold
## 334	NA	GT	Unsold
## 335	NA	GT	Unsold
## 336	NA		Unsold
## 337	NA		Unsold
## 338	NA	SRH	Unsold
## 339	NA		Unsold
## 340	NA		Unsold
## 341	NA		Unsold
## 342	NA	GT	Unsold
## 343	NA		Unsold
## 344	NA	KKR	Unsold
## 345	NA		Unsold
## 346	NA		Unsold
## 347	NA		Unsold
## 348	NA		Unsold
## 349	NA		Unsold
## 350	NA		Unsold
## 351	NA		Unsold
## 352	NA	LSG	Unsold
## 353	NA		Unsold
## 354	NA		Unsold
## 355	NA		Unsold
## 356	NA		Unsold
## 357	NA		Unsold
## 358	NA		Unsold
## 359	NA	CSK	Unsold
## 360	NA		Unsold
## 361	NA		Unsold
## 362	NA		Unsold
## 363	NA		Unsold
## 364	NA		Unsold
## 365	NA		Unsold
## 366	NA		Unsold
## 367	NA		Unsold
## 368	NA		Unsold
## 369	NA		Unsold
## 370	NA		Unsold
## 371	NA	MI	Unsold
## 372	NA		Unsold
## 373	NA		Unsold
## 374	NA		Unsold
## 375	NA		Unsold
## 376	NA		Unsold
## 377	NA		Unsold
## 378	NA		Unsold
## 379	NA		Unsold
## 380	NA		Unsold
## 381	NA		Unsold
## 382	NA		Unsold

## 383	NA		Unsold
## 384	NA	KKR	Unsold
## 385	NA		Unsold
## 386	NA		Unsold
## 387	NA	KKR	Unsold
## 388	NA		Unsold
## 389	NA		Unsold
## 390	NA		Unsold
## 391	NA		Unsold
## 392	NA		Unsold
## 393	NA	LSG	Unsold
## 394	NA		Unsold
## 395	NA		Unsold
## 396	NA		Unsold
## 397	NA		Unsold
## 398	NA		Unsold
## 399	NA		Unsold
## 400	NA		Unsold
## 401	NA		Unsold
## 402	NA		Unsold
## 403	NA		Unsold
## 404	NA		Unsold
## 405	NA		Unsold
## 406	NA		Unsold
## 407	NA		Unsold
## 408	NA		Unsold
## 409	NA		Unsold
## 410	NA		Unsold
## 411	NA		Unsold
## 412	NA		Unsold
## 413	NA	GT	Unsold
## 414	NA		Unsold
## 415	NA	RR	Unsold
## 416	NA		Unsold
## 417	NA		Unsold
## 418	NA		Unsold
## 419	NA	MI	Unsold
## 420	NA		Unsold
## 421	NA		Unsold
## 422	NA		Unsold
## 423	NA		Unsold
## 424	NA		Unsold
## 425	NA		Unsold
## 426	NA		Unsold
## 427	NA		Unsold
## 428	NA		Unsold
## 429	NA		Unsold
## 430	NA		Unsold
## 431	NA		Unsold
## 432	NA		Unsold
## 433	NA		Unsold
## 434	NA		Unsold
## 435	NA		Unsold
## 436	NA		Unsold

## 437	NA	MI	Unsold
## 438	NA		Unsold
## 439	NA	PBKS	Unsold
## 440	NA		Unsold
## 441	NA		Unsold
## 442	NA		Unsold
## 443	NA		Unsold
## 444	NA		Unsold
## 445	NA		Unsold
## 446	NA		Unsold
## 447	NA		Unsold
## 448	NA		Unsold
## 449	NA		Unsold
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## 451	NA		Unsold
## 452	NA		Unsold
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## 456	NA		Unsold
## 457	NA		Unsold
## 458	NA		Unsold
## 459	NA		Unsold
## 460	NA		Unsold
## 461	NA		Unsold
## 462	NA		Unsold
## 463	NA		Unsold
## 464	NA		Unsold
## 465	NA		Unsold
## 466	NA		Unsold
## 467	NA		Unsold
## 468	NA		Unsold
## 469	NA		Unsold
## 470	NA		Unsold
## 471	NA		Unsold
## 472	NA	MI	Unsold
## 473	NA		Unsold
## 474	NA		Unsold
## 475	NA		Unsold
## 476	NA		Unsold
## 477	NA		Unsold
## 478	NA		Unsold
## 479	NA		Unsold
## 480	NA		Unsold
## 481	NA		Unsold
## 482	NA		Unsold
## 483	NA		Unsold
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## 486	NA		Unsold
## 487	NA		Unsold
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## 490	NA		Unsold

## 491	NA	Unsold
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## 493	NA	Unsold
## 494	NA	Unsold
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## 496	NA	Unsold
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## 499	NA	Unsold
## 500	NA	Unsold
## 501	NA	Unsold
## 502	NA	Unsold
## 503	NA	Unsold
## 504	NA	Unsold
## 505	NA	Unsold
## 506	NA	Unsold
## 507	NA	Unsold
## 508	NA	Unsold
## 509	NA	Unsold
## 510	NA	Unsold
## 511	NA	Unsold
## 512	NA	Unsold
## 513	NA	Unsold
## 514	NA	Unsold
## 515	NA	Unsold
## 516	NA	Unsold
## 517	NA	Unsold
## 518	NA	Unsold
## 519	NA	Unsold
## 520	NA	Unsold
## 521	NA	Unsold
## 522	NA	Unsold
## 523	NA	Unsold
## 524	NA	Unsold
## 525	NA	Unsold
## 526	NA	Unsold
## 527	NA	Unsold
## 528	NA	Unsold
## 529	NA	Unsold
## 530	NA	Unsold
## 531	NA	Unsold
## 532	NA	Unsold
## 533	NA	Unsold
## 534	NA	Unsold
## 535	NA	Unsold
## 536	NA	Unsold
## 537	NA	RR Unsold
## 538	NA	PBKS Unsold
## 539	NA	Unsold
## 540	NA	Unsold
## 541	NA	Unsold
## 542	NA	Unsold
## 543	NA	Unsold
## 544	NA	Unsold

```
## 545      NA      Unsold
## 546      NA      Unsold
## 547      NA      Unsold
## 548      NA      Unsold
## 549      NA      Unsold
## 550      NA      Unsold
## 551      NA      Unsold
## 552      NA      Unsold
## 553      NA      Unsold
## 554      NA      Unsold
## 555      NA      Unsold
## 556      NA      Unsold
## 557      NA      Unsold
## 558      NA      Unsold
## 559      NA      Unsold
## 560      NA      Unsold
## 561      NA      Unsold
## 562      NA      Unsold
## 563      NA      Unsold
## 564      NA      Unsold
## 565      NA      Unsold
## 566      NA      Unsold
## 567      NA      Unsold
## 568      NA      Unsold
```

```
#printing out the descriptive statistics
head(IPL)
```

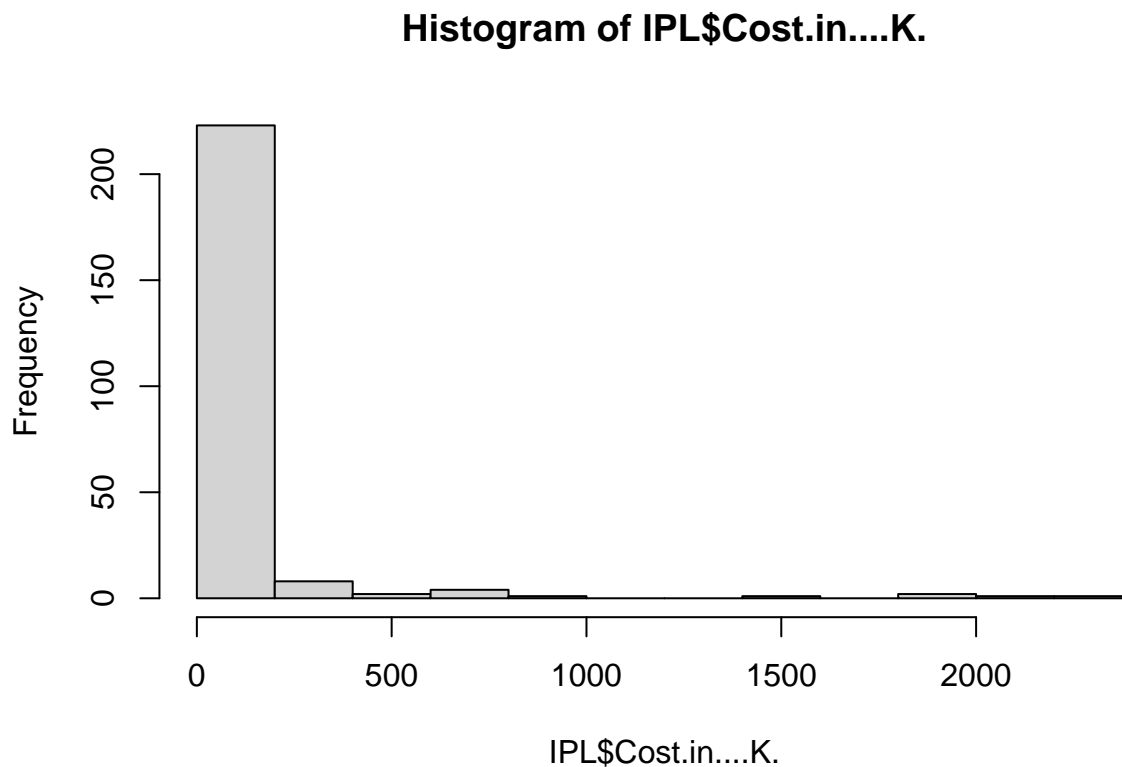
```
##      Player.Name Base.Price      Type Cost.in.Rs...CR. Cost.in....K.
## 1    Shivam Mavi   4000000    BOWLER          6.0          720
## 2   Joshua Little   5000000    BOWLER          4.4          528
## 3 Kane Williamson  20000000  BATSMAN          2.0          240
## 4     K.S. Bharat   2000000  WICKETKEEPER        1.2          144
## 5    Mohit Sharma   5000000    BOWLER          0.5           60
## 6    Odean Smith   5000000  ALL-ROUNDER        0.5           60
##   X2022.Squad X2023.Squad
## 1         KKR          GT
## 2                GT
## 3         SRH          GT
## 4         DC          GT
## 5                GT
## 6        PBKS          GT
```

```
summary(IPL)
```

```
## Player.Name      Base.Price      Type      Cost.in.Rs...CR.
## Length:568      Length:568      Length:568      Min.   : 0.0000
## Class :character Class :character Class :character 1st Qu.: 0.0000
## Mode  :character Mode  :character Mode  :character Median : 0.0000
##                                     Mean  : 0.6872
##                                     3rd Qu.: 0.2000
##                                     Max.  :18.5000
##                                     NA's  :325
```

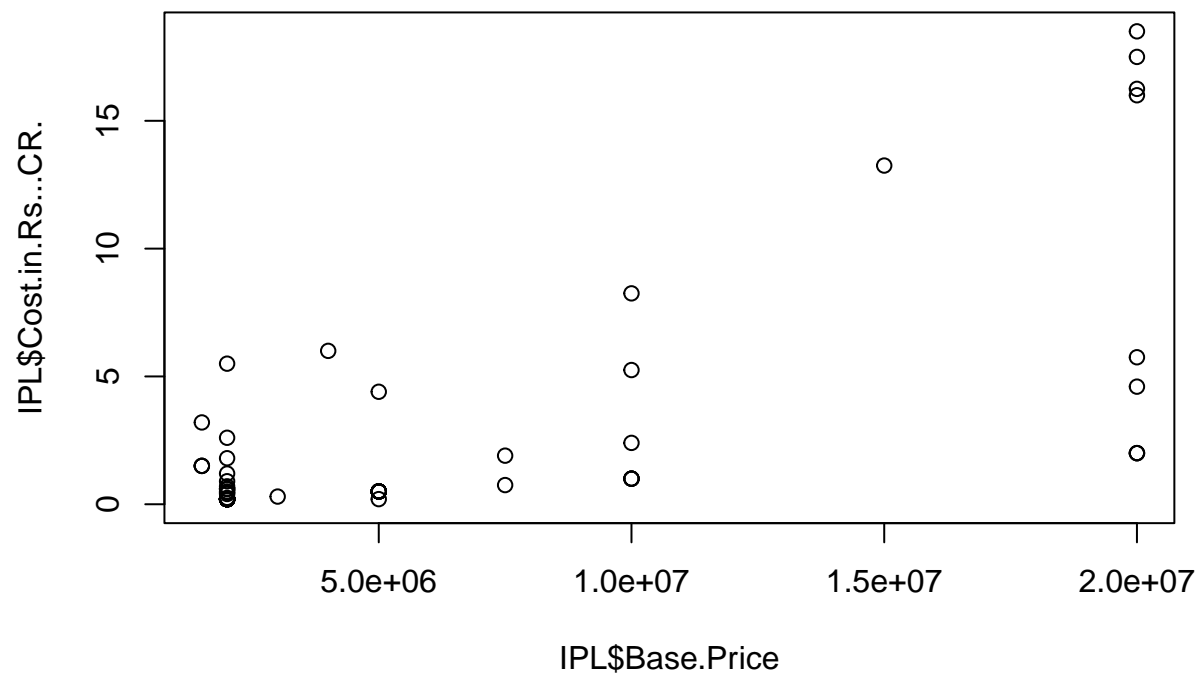
```
## Cost.in....K.      X2022.Squad      X2023.Squad
## Min.   :  0.00    Length:568        Length:568
## 1st Qu.:  0.00    Class :character   Class :character
## Median :  0.00    Mode  :character   Mode  :character
## Mean   : 82.47
## 3rd Qu.: 24.00
## Max.   :2220.00
## NA's   :325
```

```
#Transforming the variable
hist(IPL$Cost.in....K.)
```



```
#Plotting
plot(IPL$Base.Price, IPL$Cost.in.Rs...CR.)
```

```
## Warning in xy.coords(x, y, xlabel, ylabel, log): NAs introduced by coercion
```



“