In this paper, a new MAYO Index is presented for deeper analytics of the price and performance of IPL players in IPL season IX. The MAYO index is comprehensive in terms of including both price and performance in one index. This is in contrast to the popular indices like batting and bowling averages and MVPI that only measure performance. The index is created with the help of machine learning technique called Random Forests. The analytics provide deeper insight into the complex problem of understanding how the performance of the players of different franchises and countries was and provides clues for better management practices in terms of player acquisition. The players to watch for in future are clearly identified and so are those who did not perform according to expectations.

References

2. Clarke, S R, “Dynamic programming in one day cricket - optimal scoring rates,” Journal of
the Operational Research Society, 50, 1988, pp 536 – 545.


13. http://www.espncricinfo.com/india/content/player/28081.html, T20 statistics of each player


**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Cricket, IPL, Random Forests, Data Analytics