

DSPL Assignment No. 1

Download data

Read datasets from

<https://www.kaggle.com/datasets/patrickb1912/ipl-complete-dataset-20082020?select=IPL+Matches+2008-2020.csv>

Perform following operations using Pandas library

1. Find the null values in each column
2. Merge the two datasets
3. Find the null values in each column again
4. Check info and shape after merging
5. Get the columns in the right datatype
6. Derive an index field and add it to the data set.
7. Identify the outliers in each column.
8. What was the count of matches played in each season?
9. How many runs were scored in each season?
10. Find the top 10 teams which has won the most number of matches
11. Find the Top 10 Players With Most Player of Match
12. Find the Percentage of choosing field after winning the toss
13. Find the Percentage of choosing to bat first after winning the toss
14. Find the ratio of Bat to Field count
15. Find the count of Loss vs Wins vs Ties
16. Who won the most tosses?
17. Who has hit the most number of 4's?
18. Who has hit the most number of 6's?