Case study:

To analyze the performance of Indian cricketer MS Dhoni in his One Day International (ODI) career.

1.Load dataset in python

2.Data cleaning

Task 1 : To remove the first 2 characters from the opposition string because that is not required.

Task 2 :Create a column indicating whether Dhoni was not out in that innings or not.

Task 3: Drop the ODI number column because it is not required.

Task 4 : Drop all those matches from our records where Dhoni did not bat, and store this information in a new DataFrame.

Task 5: Fix the data types of all the columns present in our new DataFrame.

Task 6:Descriptive statstics

1] Display the first match date

2] Display the last match date

3] No.of matches played in a career

4] No.of innings in a career

5] No.of not out in career

6] Total no.of runs scored in career

7] No.of balls faced in a career

8] Strike rate in a career

9] Career average

10] Highest score in a career

11] No.of 100’s

12] No. of 50’s

13] No. of 4’s

14] No. of 6’s

Task 7 : Analysis

1] How many matches he has played against different oppositions

2] How many runs he has scored against different oppositions

3] How many matches he has played each year

4] How many runs he has scored every year