

4. Output when input player is AB de Villiers

```
Enter the name of the Player playing the last over: AB de Villiers
Accuracy: 0.5217391304347826
      Second_Innings  Played_Last_Over  Not_Out_Last_Over
2              0              0              0
13             0              0              0
53             0              0              0
41             0              0              0
86             0              0              0
30             0              0              0
45             0              0              0
43             0              0              0
59             0              0              0
90             0              0              0
7              0              0              0
26             0              0              0
33             1              0              0
68             0              0              0
8              1              0              0
16             0              0              0
24             0              0              0
79             0              0              0
66             0              0              0
42             0              0              0
22             0              0              0
6              0              0              0
62             0              0              0
Predicted Data: [1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]
```

Further work and Queries:

Further work:

Further this ML algorithm can be used in many other different ways. Here, it was a new challenge for me so there might have been something of a problem for me but now I am very much familiar with coding with logistical regression and I have already learned a lot and found many possibilities to solve it through even more new ways.

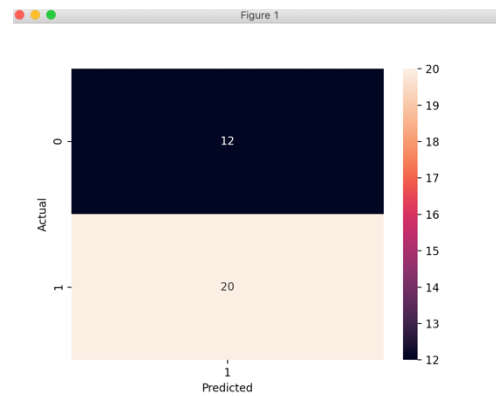
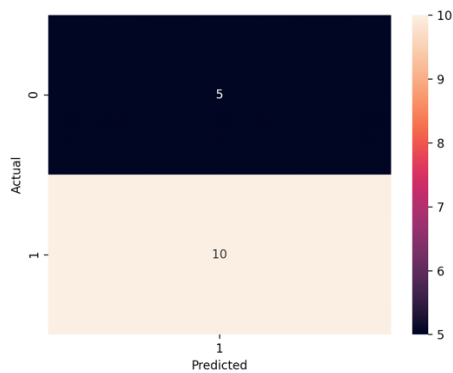
Queries:

The only major query I have is I am unsure if the confusion matrix is completely correct and I had some difficulties representing it as well. Therefore, maybe some help in this area or further learning is required for me.

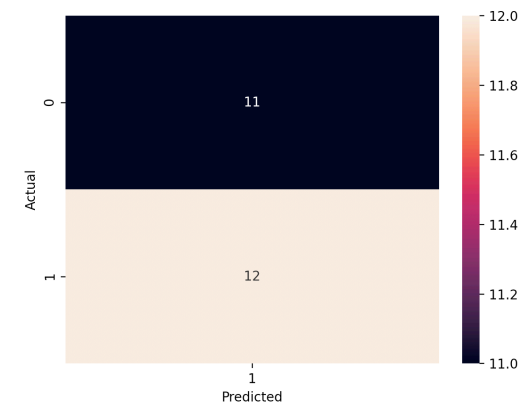
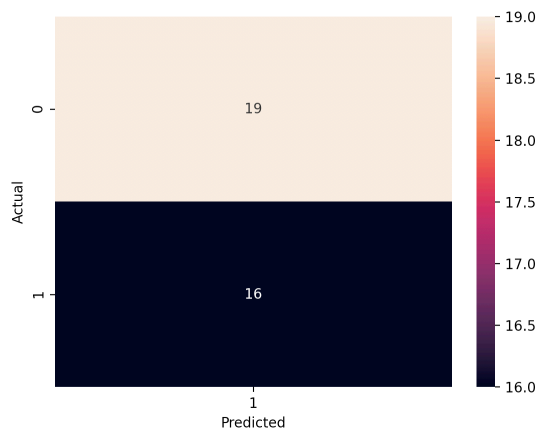
Representing the confusion matrix was not the problem but the outcome was not as I wanted it to be.

However, below I have attached the screenshots of the confusion matrix representation I was able to get from this problem.

Confusion Matrix for all the player's included:



Above are Confusion Matrix for DJ Bravo and MS Dhoni.



Above are Confusion Matrix for V Kohli and AB de Villiers

Note: Explanation is in another document in the folder.