**PRCP-1012-GameWinnerPred**

**Problem Statement**

Task 1:-Prepare a complete data analysis report on the given data.

Task 2:-Create a predictive model which is an attempt to predict the win probability of the Pubg match and to look at the important factors affecting the win probability of the pubg game.

**Dataset Link:**

Link: [https://d3ilbtxij3aepc.cloudfront.net/projects/CDS-Capstone-Projects/PRCP-1012-Game](https://d3ilbtxij3aepc.cloudfront.net/projects/CDS-Capstone-Projects/PRCP-1012-GameWinnerPred.zip)

[WinnerPred.zip](https://d3ilbtxij3aepc.cloudfront.net/projects/CDS-Capstone-Projects/PRCP-1012-GameWinnerPred.zip)

**Attribute Information**

1. Id
2. groupId
3. matchId
4. assists
5. boosts
6. damageDealt
7. DBNOs
8. headshotKills
9. heals
10. killPlace
11. killPoints
12. kills
13. killStreaks
14. longestKill
15. matchDuration
16. matchType
17. maxPlace
18. maxPlace
19. rankPoints
20. revives
21. rideDistance
22. roadKills
23. swimDistance
24. teamKills
25. vehicleDestroys
26. walkDistance
27. weaponsAcquired
28. winPoints
29. winPlacePerc

**Model Comparison Report**

Create a report stating the performance of multiple models on this data and suggest the best model for production.

**Report on Challenges faced**

Create a report which should include challenges you faced on data and what technique used with proper reason.

Note:-All above tasks have been created on a single jupyter notebook and share the same while final submission of project.