**Capstone Project Submission**

**Instructions:**

i) Please fill all the required information.

ii) Avoid grammatical errors.

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| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)** |
| IPL T20 Cricket Analysis project was done by a group of 3 members – **Kunal Agrawal, Shafil Ahmad and myself.** In this project we got 5 different csv files as an input. The Csv files are **Matches.csv, deliveries.csv, teams.csv, most\_run\_team\_strikerate.csv and teamwise\_home\_and\_away.csv.**  So, we decided to divide these 5 csv files among 3 and start exploring the dataset. I worked on two csv files which is **most\_run\_team\_strikerate.csv and teamwise\_home\_and\_away.csv**  When I started to explore the most\_run\_team\_stikerate.csv file, I found important features such as: **batsman, total\_runs, numberofballs, average and strikerate**. In this total\_runs explain the total runs made by a batsman in its IPL career. Average and strikerate gives information of average and strikerate  of each player. By this information I can find top 10 players on the basis of their average, runs and strikerate. So, I started plotting a bar graph and with the help of this graph I can show the results in this project.  Also, when I started exploring **teamwise\_home\_and\_away.csv** then I came to know that this csv dataset has data of home win percent and away win percent of each team. Important features of this csv **are teams, home\_wins, home\_matches, away\_win, away\_matches, home\_win\_percent and away\_win\_percent.** In this dataset I found out which team is good at home ground and which team is good at away ground. |
| **Please paste the drive link to your deliverables folder. Ensure that this folder consists of the project Colab notebook, project presentation and video.** |
| **Drive link :-**  https://drive.google.com/drive/folders/1bCptrtIuL4szGE4nWg6XyVN8x\_se\_RVS?usp=sharing |