**Development of Graph database for a given dataset (40 Marks)**

Download “**ipl\_matches\_2008\_to\_2019.csv**” and “**match\_details.csv**” from Moodle which contains the details of IPL (Indian Premier League) from 2008 to 2019. You are expected to design and create a Graph database to visualize the dataset and to answer the following queries

1. Create a Data model diagram for the given datasets [5]
2. Create nodes and relationship according to the Data Model which you have created in question no 1. [5]
3. Show all the teams from season 2019. [1]
4. Show how many matches “Chennai Super kings” won and lost [3]
5. Show how many times does “MS Dhoni” got the player of the match when their teams won the match. [3]
6. How many matches does “Kings XI Punjab” won against “Mumbai Indians” when they lost the toss? [3]
7. Show all the matches in which “Chennai Super kings” won the toss, elected to bat and won the match. [3]
8. Show all the umpire and the number of matches they have umpired. [3]
9. Who umpired the most matches? [3]
10. Which team won most matches in “Wankhede Stadium” venue when they won the toss and chose to field in year 2008. [3]
11. Display top 10 batsman in IPL season 2008-2019. [3]
12. Delete all the matches from season 2008 except the matches played by “Mumbai Indians”.

[3]

1. Delete all the details of CH Gayle. [2]