# Data Mining Assignment 1

Identify a problem from your own experience that you think would be amenable to data mining. For that problem describe:

**Cricket Gameplay**

1. What the data is.

A) Previous player's statistics.

2. What type of benefit you might hope to get from data mining.

A) Knowledge and statistics of certain players which results a good performance in the match they play.

3. What type of data mining (classification, clustering, etc.) you think would be relevant.

A) Classification which divides players into different groups based on their team owner selection i.e. Auction

4. Name one type of data mining that you think would not be relevant, and describe briefly why not.
For each, illustrate with an example, e.g., if you think clustering is relevant, describe what you think a likely cluster might contain and what the real-world meaning would be.

A) Clustering cannot be done to this data because there will be no similarities in between the players and their stats.

Write one to two pages of 11 point single-spaced typeset text - you aren't writing a paper, but it isn't short answer either.

Coming to the cricket gameplay every franchise will have a common goal to win the series. Before going to the gameplay let's talk about the single team and its formation. Consider **SRH** team which has best players who can perform well in batting and bowling. I.e. All-rounder's. Team owners will choose the players based on their previous IPL match stats. Based on that data we can send players to the pitch as openers, middle order and we can also make changes in fielding and bowling to score and to defend the opponent score. Based on the player stats training will be given to improve their performance. To win the match every player should give their best but if single player fails it can affect to the whole team.

By this I got to know classification concept is processed to bring a perfect and strong team by choosing the players. Here clustering is not relevant concept as their will be no similarities and we are making groups based on their performances i.e. classification.