You are given the date set that consists of cricket Players Information. You are expected to write the code in python to find out answers for the following questions.

1. Read the data into Jupyter Environment – 2 Marks

2. standardize the variables - 2 marks

3. Find out the optimal number of clusters - 3 Marks

4. Perform K-Means clustering - 4 Marks

5. Attach clustered to each row - 5 Marks

6. Find out which cluster Chris Gayle Belongs to? -7 Marks

7. Find out the number of players who are in Gayle Cluster. - 7 Marks