# Assignment 3
# Creating Graphical Representations of Data

## Applied Data Science

## Instructions

In this assignment, you will use the Cricket dataset (match-full and ball-full which you can download from Canvas) to create five graphs. Tableau is recommended; however, you may use R or Python as well. For each graph, you will be given a fact about the data to demonstrate and you should create a graph that demonstrates that fact. For instance, for the first graph, you are asked which types of wickets are most common; your graph should show the frequency of the different kind of wickets.

Submit your assignment as a .pdf file with your name and email in the header, single-spaced and font no-larger than 12pt.

This assignment will be graded on the appropriateness of the graph chosen, the quality and correctness and of the graphs and overall quality of the assignment.

## Questions

### Question 1

What are the most common types of wickets and how many times do they occur?

### Question 2

How many runs did Australia, England, India and South Africa average in each year 2013, 2014, 2015 and 2016?

### Question 3

How many wins did the West Indies and Sri Lanka each have in 2010 and 2014?

### Question 4

Which three batsmen scored the most(batter runs) between 2013 and 2015 (inclusive) and what were the trends in their performance?

### Question 5

Which five bowlers bowled out the most batsmen between 2010 and 2013 (inclusive) and how many overs did each bowl? Use just the "bowled" type.