# Task 5: Back-to-Back Stem-and-Leaf Plot

**Part A: Complete two Back-To-Back Stem-and Leaf-plots utilising one categorical variable from Task One and two players from a single position for each plot.**

Each stem-and-leaf plot should isolate only one statistic and plot data from each of the 25 rounds from last year's NRL season. Two players from the same position will have their data on a chosen statistic compared in each of the two plots.

**Part B: Construct a statement for each Back-To-Back Stem-and-Leaf plot examining the shape of the distribution of data.**

Utilise terms such as 'positive skew', 'negative skew' and 'symmetric' and 'bi-modal'.
Each stem and leaf plot should isolate only one statistic and plot data from each of the 25 rounds from last year's NRL season.

*Example of standard stem-and-leaf plot:*

| Round | Team | TK |
|---|---|---|
| 1 | Cowboys | 15 |
| 2 | Cowboys | 22 |
| 3 | Cowboys | 19 |
| 4 | Cowboys | 21 |
| 5 | Cowboys | 20 |
| 6 | Cowboys | 18 |
| 7 | Cowboys | 20 |
| 8 | Cowboys | 15 |
| 9 | Cowboys | 17 |
| 10 | Cowboys | 23 |
| 11 | Cowboys | 24 |
| 13 | Cowboys | 12 |
| 14 | Cowboys | 24 |
| 15 | Cowboys | 25 |
| 16 | Cowboys | 21 |
| 17 | Cowboys | 12 |
| 19 | Cowboys | 17 |
| 20 | Cowboys | 15 |
| 21 | Cowboys | 19 |
| 22 | Cowboys | 17 |
| 23 | Cowboys | 20 |
| 24 | Cowboys | 18 |
| 25 | Cowboys | 18 |

**Analysis Statement:**

This table displays a Cowboy's player data collected from games last year. This statistic can be placed into a single Stem-and-Leaf plot but shows no comparison can be established. To create a comparison a Back-To-Back Stem-and-Leaf plot with another player's data is needed.

Statistics for each round can be found on various websites such as Totalfootystats.com