**Story-:**

* ***Chart 1 – Winner Error vs Winner Net***

I drew a correlation between the

* aggregated average value for Winner’s Error across all matches that happened that year

vs the

* aggregated average value for Winner’s Net across all matches that happened that year

This showed a **direct correlation** between the two.

Hence, we could say that whenever the Winner’s Net Percentage was high the Winner’s Error Percentage was high and vice versa.

* ***Chart 2 – Winner Double vs Winner Returns***

Similarly, I drew a correlation between the

* aggregated average value for Winner’s Double across all matches that happened that year  
  vs the
* aggregated average value for Winner’s Returns across all matches that happened that year

This showed an **inverse correlation**.

Hence, we could say that whenever the Winner’s Double Number was high the Winner’s Returns numbers were low and vice versa.

**Color-:**

I chose Red and Blue colors since it has a really stark contrast difference between the two and is easier for color blind people to see as well.

Also, I colored the axis with the same color as the line to make it easier for user to understand which axis is for which line.

**Type of Visualization -:**

I chose to create a **Dual Axis Y chart** using D3 to show the relation between the 2 lines.

It’s really easy to see the co-relation when both lines are shown in the same graph

You can also click on the legend to show only 1 line and its respective axis to see the values up close.

**Interaction -:**

* You can **click on the 2 radio buttons** to toggle between the 2 charts.
* You can **click on the legend** to show only that specific line with its axis. The Legend value being shown gets highlighted in red color.
  + You can click on the value again to show both the lines again.