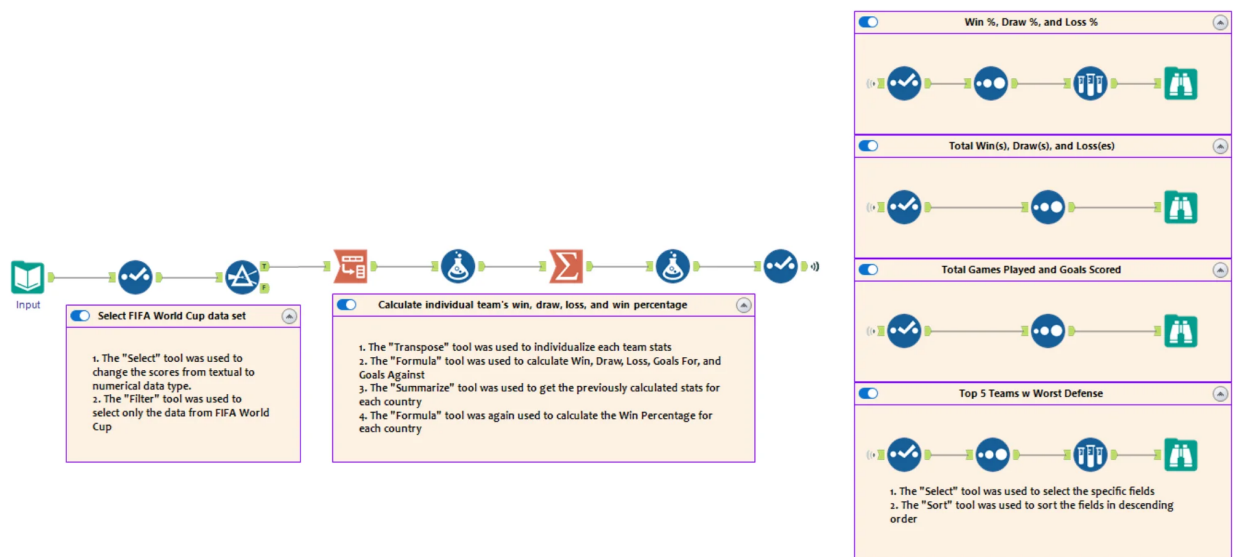# Challenge Statement

This exercise tests data manipulation and analysis skills using a data source from kaggle. Using the dataset, the following problems have to be determined:

- ➤ Team with the best performance.
- ➤ Total games played and goals scored for each team.
- ➤ Each team's total Win(s), Draw(s), and Loss(es).
- ➤ Top 5 Teams with Worst Defense.

Process

In the initial phase of the analysis, a thorough examination of the source data was done, to ensure that all the essential fields were present. Subsequently data modification, cleaning, and transformation techniques were applied to ensure that the data aligned with the specific requirements for the calculations. Utilizing the Formula Tool, the necessary computations to derive the required fields were met. To focus on addressing the key questions the data was effectively filtered to extract relevant insights.

Finally, the data was visualized using Power BI, showcasing charts that effectively represented the data story. The combination of Alteryx's versatile tools and Power BI's visualization capabilities culminated in a successful resolution to the data analysis problem, resulting in a clear and concise data story.

Dashboard