2. Data Visualization and Pre-processing

Data Pre-processing Requirements Document

1. Drop Duplicated Rows and Keep the First

2. Replace Nan Values with the Mean Value in Columns 1 and 2.

3. Replace Nan Values with the Median Value in Column 3.

4. Replace Nan Values with the 'Club' String in Column 4.

5. Replace Nan Values with the True Boolean in Column 5.

6. Replace Nan Values with the Current Date in Column 6.

7. Replace Nan Values with the £0.0 in Column 7.

8. Remove the First Character (England Pound Symbol) In Column 8.

9. Substitute the Abbreviation in Column 8.

10. Define X Column Labels.

11. Define Y Column Target.

12. Save the final file as "output_data.csv". File location path must be defined.