

Data Pre-processing:

1. Drop --- any columns that you deem unnecessary for analysis.
2. Convert --- following columns need to be converted for further analysis:

Column	Has null	Details	Required output
'Value'		Amount with Euro symbol as prefix and suffix 'K' or 'M' indicating thousands and millions respectively.	Convert to Float after getting rid of currency symbol and suffix.
'Wage'		Same as above	Same as above
'Release Clause'		Same as above	Same as above
'Joined'	yes	Year as a string, in some cases complete date as string	Convert to int with only year
'Contract Valid Until'	yes	Date as a string	Convert to datetime type
'Height'		In inches with a quotation mark	Convert to Float with decimal points
'Weight'		Contains the suffix lbs	Remove the suffix and convert to float

(Pandas treats Nan values as float. Please keep that in mind when making the conversions.)

3. Check for missing values and do a mean imputation where necessary.

Exploratory Analysis:

1. Plot the distribution of Overall rating for all players.
2. Generate a table containing the top 20 players ranked by Overall score and whose contract expires in 2020
 - Average wage
 - Average age
 - Corr between Overall rating & value