

Challenge: Clean the Data

In this challenge, you will perform some data cleaning.

We'll cover the following ^

- Problem statement
 - Input
 - Output
- Coding exercise

Problem statement

The function `clean_data(df)` needs to be implemented. The `df` is the `DataFrame` on which operations are performed. The data used for this is of different housing societies, and it is made available below. Download and open it to see what data it contains.

 housing.csv  

The task is to clean the data before useful insights can be extracted from it. The following two steps are performed on the data.

1. Drop all the rows that have at least **one** `NaN` value in any of its columns.
2. Find and remove the outliers that might occur in the `median_house_value`, `median_income`, or `housing_median_age` column. Use the *IQR* method for finding outliers.

Input

The input to the function is a `Dataframe` that is created after reading the `housing.csv` file.

Output

The output is a `Dataframe` with no `NaN` values, and all its outliers are in the

required range.

Coding exercise

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

```
def clean_data(df):  
    # Write your code here!  
  
    return df
```



The next lesson shows a solution to the above problem.