

```
def calculate_moving_average(data, order): #This is a function for Moving Average Method
    if order < 1:
        raise ValueError("Order must be a positive integer and not greater than the length of the data.")
    if order > len(data):
        raise ValueError("Order cannot be greater than the length of the data.")
    #The part above handles if the order less than 1 or greater than the length of the data list
    moving_average_results = []
    length_of_data = len(data)

    for i in range(len(data) - order + 1): #To calculate the moving average
        window = data[i:i+order] #Extracting the window of data points
        window_average = round(sum(window) / order, 2) #Calculating the average and rounding it to two decimal
        moving_average_results.append(window_average) #Appending the result to the moving average results list

    return moving_average_results
```

```
data_points = [10.5, 11.8, 10.7, 11.0, 12.3, 11.7, 12.5, 13.0, 12.7, 13.2, 14.0, 14.5, 13.7, 13.5, 14.8]; order = 3
#^Putting in the data
averages = calculate_moving_average(data_points, order) #Calculating the moving average

print("The moving average values are:", (averages)) #Printing the result
```

 The moving average values are: [11.0, 11.17, 11.33, 11.67, 12.17, 12.4, 12.73, 12.97, 13.3, 13.9, 14.07, 13.9, 14.0]