

```

1 import numpy as np
2 import pandas as pd
3 import csv
4 import re
5
6 filename = 'Temporary Accommodation Finder.csv'
7
8 rentee = pd.read_csv(filename)

```

```
1 rentee.head()
```

	Timestamp	Name	Gender	Phone number	Email	Budget	p
0	2022/12/03 2:22:25 pm GMT-5	Harshini Chandrika	Female	3026471651	dasriharshini@gmail.com	450- 550	
1	2022/12/03 3:47:46 pm GMT-5	Deeksha Patil	Female	8573341246	deekshapatil4@gmail.com	550- 650	
2	2022/12/03 5:03:31 pm GMT-5	Neha Murkute	Female	6172384663	murkute2711@gmail.com	550- 650	
3	2022/12/03 7:08:38 pm GMT-5	Hirosh Johnson	Male	+919745649136	hiroshjohnson90@gmail.com	450- 550	
4	2022/12/04 10:31:15 pm GMT-5	Bharath Chandra Bottu	Male	8575446711	bharathchandra2253@gmail.com	550- 650	

```

1 df_dummy = rentee.replace(to_replace = '-', value = ' ', regex = True)
2 renteeBudget = df_dummy.Budget.str.split(expand = True)

1 renteeBudget.head()

```

	0	1	2	3
0	450	550	None	None
1	550	650	None	None
2	550	650

```

1 List_Min_Budget = renteeBudget[0].to_list()
2 List_Max_Budget = renteeBudget[1].to_list()
3
4 rentee.insert(loc = 5,column = 'Min Budget', value = List_Min_Budget)
5 rentee.insert(loc = 6,column = 'Max Budget', value = List_Max_Budget)
6 rentee.pop('Budget')

```

```

0          450-550
1          550-650
2          550-650
3          450-550
4          550-650
5          750-1000
6          450-550
7          650-750
8          Depends
9          550-650
10         1000+
11         750-1000
12         550-650
13         550-650
14         450-550
15         550-650
16         750-1000
17         15/day
18         750-1000
19         450-550;550-650
20         450-550;550-650;650-750
21         550-650
22         450-550;550-650
Name: Budget, dtype: object

```

```
1 rentee.head()
```

	Timestamp	Name	Gender	Phone number	Email	Min Budget	B
0	2022/12/03 2:22:25 pm GMT-5	Harshini Chandrika	Female	3026471651	dasriharshini@gmail.com	450	
1	2022/12/03 3:47:46 pm GMT-5	Deeksha Patil	Female	8573341246	deekshapatil4@gmail.com	550	
2	2022/12/03 5:03:31 pm	Neha Murkute	Female	6172384663	murkute2711@gmail.com	550	
3	2022/12/03 7:08:38 pm	Nirosh Johnson	Male	+919745649130	niroshjohnson90@gmail.com	450	

```
1 phoneNumber = rentee["Phone number"].to_list()
2 num = []
```

```
3 for i in phoneNumber:
4     x = re.findall("\d{10}", i)
5     num.append(x)
6 print(num)

[['3026471651'], ['8573341246'], ['6172384663'], ['9197456491'], ['8575446711'],
```

```
1 rentee['Phone number'] = num
```

```
1 rentee.head()
```



	Name	Gender	Phone number	Email	Min Budget	Max Budget	Dietary Preferences
1	rentee.rename(columns={'Phone number': 'PhoneNumber', 'Dietary Preferences': 'Roomn						
0	Harshini Chandrika	Female	[3026471651]	dasriharshini@gmail.com	450	550	Veg
1	Deeksha Patil	Female	[8573341246]	deekshapatil4@gmail.com	550	650	Veg veg b pre
2	Neha Murkute	Female	[6172384663]	murkute2711@gmail.com	550	650	Veg
3	Hirosh Johnson	Male	[9197456491]	hiroshjohnson90@gmail.com	450	550	Veg
4	Bharath Chandra Bottu	Male	[8575446711]	bharathchandra2253@gmail.com	550	650	Veg

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