

```
In [1]: import pandas as pd
```

```
In [2]: import numpy as np
```

```
In [3]: users = pd.read_csv('https://raw.githubusercontent.com/Bungeetech/internship-test2/master/users.csv')
```

```
In [4]: users
```

```
Out[4]:
```

|  | user_id | age | gender | occupation | zip_code |
|--|---------|-----|--------|------------|----------|
|--|---------|-----|--------|------------|----------|

|     |     |     |     |               |       |
|-----|-----|-----|-----|---------------|-------|
| 0   | 1   | 24  | M   | technician    | 85711 |
| 1   | 2   | 53  | F   | other         | 94043 |
| 2   | 3   | 23  | M   | writer        | 32067 |
| 3   | 4   | 24  | M   | technician    | 43537 |
| 4   | 5   | 33  | F   | other         | 15213 |
| ... | ... | ... | ... | ...           | ...   |
| 938 | 939 | 26  | F   | student       | 33319 |
| 939 | 940 | 32  | M   | administrator | 02215 |
| 940 | 941 | 20  | M   | student       | 97229 |
| 941 | 942 | 48  | F   | librarian     | 78209 |
| 942 | 943 | 22  | M   | student       | 77841 |

943 rows × 5 columns

```
In [5]: users.groupby('occupation').age.agg(['min', 'max'])
```

```
Out[5]:
```

|  | min | max |
|--|-----|-----|
|--|-----|-----|

| occupation    |    |    |
|---------------|----|----|
| administrator | 21 | 70 |
| artist        | 19 | 48 |
| doctor        | 28 | 64 |
| educator      | 23 | 63 |
| engineer      | 22 | 70 |
| entertainment | 15 | 50 |
| executive     | 22 | 69 |
| healthcare    | 22 | 62 |

|            | min | max |
|------------|-----|-----|
| occupation |     |     |
| homemaker  | 20  | 50  |
| lawyer     | 21  | 53  |
| librarian  | 23  | 69  |
| marketing  | 24  | 55  |
| none       | 11  | 55  |
| other      | 13  | 64  |
| programmer | 20  | 63  |
| retired    | 51  | 73  |
| salesman   | 18  | 66  |
| scientist  | 23  | 55  |
| student    | 7   | 42  |
| technician | 21  | 55  |
| writer     | 18  | 60  |

In [ ]:

In [ ]: