

```
In [5]: import pandas as pd
c=pd.read_csv('E:\\passport.csv')
print(c.to_string())
```

	name	age	gender	dob	passport	license	Mobile
0	manu	18	f	01-02-03	yes	yes	9876543210
1	deepu	18	m	03-03-03	yes	yes	8765432190
2	chandu	34	f	04-04-83	yes	no	9768543210
3	rosy	27	f	03-07-00	no	yes	9087654321
4	sai	32	m	06-06-03	no	yes	9768534210
5	ratna	66	f	07-07-76	yes	yes	8976543210
6	hemika	33	f	02-03-82	yes	no	7096825341
7	dedipa	22	f	05-06-92	yes	yes	9879065132
8	harshita	13	f	06-06-54	yes	yes	7609145823
9	snaha	33	f	03-05-06	no	yes	6302987541
10	sreya	31	f	04-05-07	yes	no	9508241206
11	sreya	13	f	04-05-21	yes	yes	9492814253
12	ramya	32	f	02-02-82	yes	yes	9878657432
13	reshma	23	f	01-01-00	yes	no	7908564321
14	meghana	42	f	04-03-84	yes	yes	9987634265
15	deepak	44	m	09-03-82	yes	yes	9876578568
16	rama	74	m	02-11-64	yes	yes	7578798778
17	sonika	24	f	03-09-54	no	yes	7643475497
18	harini	19	f	05-08-92	yes	no	5434845675
19	asdsf	45	m	07-03-34	no	yes	1444575577

```
In [10]: import pandas as pd
c=pd.read_csv('E:\\passport.csv')
print(c.to_string())
c.aggreate({"age":["min','max','sum','average'], "Mobile":["min','max']})
```

	name	age	gender	dob	passport	license	Mobile
0	manu	18	f	01-02-03	yes	yes	9876543210
1	deepu	18	m	03-03-03	yes	yes	8765432190
2	chandu	34	f	04-04-83	yes	no	9768543210
3	rosy	27	f	03-07-00	no	yes	9087654321
4	sai	32	m	06-06-03	no	yes	9768534210
5	ratna	66	f	07-07-76	yes	yes	8976543210
6	hemika	33	f	02-03-82	yes	no	7096825341
7	dedipa	22	f	05-06-92	yes	yes	9879065132
8	harshita	13	f	06-06-54	yes	yes	7609145823
9	snaha	33	f	03-05-06	no	yes	6302987541
10	sreya	31	f	04-05-07	yes	no	9508241206
11	sreya	13	f	04-05-21	yes	yes	9492814253
12	ramya	32	f	02-02-82	yes	yes	9878657432
13	reshma	23	f	01-01-00	yes	no	7908564321
14	meghana	42	f	04-03-84	yes	yes	9987634265
15	deepak	44	m	09-03-82	yes	yes	9876578568
16	rama	74	m	02-11-64	yes	yes	7578798778
17	sonika	24	f	03-09-54	no	yes	7643475497
18	harini	19	f	05-08-92	yes	no	5434845675
19	asdsf	45	m	07-03-34	no	yes	1444575577

Out[10]:

	age	Mobile
min	13.00	1.444576e+09
max	74.00	9.987634e+09
sum	643.00	NaN
average	32.15	NaN

```
In [14]: df = c.groupby('name')
df.first()
```

```
Out[14]:
```

	age	gender	dob	passport	license	Mobile
name						
asdsf	45	m	07-03-34	no	yes	1444575577
chandu	34	f	04-04-83	yes	no	9768543210
dedipa	22	f	05-06-92	yes	yes	9879065132
deepak	44	m	09-03-82	yes	yes	9876578568
deepu	18	m	03-03-03	yes	yes	8765432190
harini	19	f	05-08-92	yes	no	5434845675
harshita	13	f	06-06-54	yes	yes	7609145823
hemika	33	f	02-03-82	yes	no	7096825341
manu	18	f	01-02-03	yes	yes	9876543210
meghana	42	f	04-03-84	yes	yes	9987634265
rama	74	m	02-11-64	yes	yes	7578798778
ramya	32	f	02-02-82	yes	yes	9878657432
ratna	66	f	07-07-76	yes	yes	8976543210
reshma	23	f	01-01-00	yes	no	7908564321
rosy	27	f	03-07-00	no	yes	9087654321
sai	32	m	06-06-03	no	yes	9768534210
snaha	33	f	03-05-06	no	yes	6302987541
sonika	24	f	03-09-54	no	yes	7643475497
sreya	31	f	04-05-07	yes	no	9508241206

```
In [29]: import pandas as pd
c=pd.read_csv('E:\\passport.csv')
df=c.groupby(['age']).mean()
print(df)
```

```

      Mobile
age
13  8.550980e+09
18  9.320988e+09
19  5.434846e+09
22  9.879065e+09
23  7.908564e+09
24  7.643475e+09
27  9.087654e+09
31  9.508241e+09
32  9.823596e+09
33  6.699906e+09
34  9.768543e+09
42  9.987634e+09
44  9.876579e+09
45  1.444576e+09
66  8.976543e+09
74  7.578799e+09
```

```
In [25]: import pandas as pd
c=pd.read_csv('E:\\passport.csv')
print(c.to_string())
```

	name	age	gender	dob	passport	license	Mobile
0	manu	18	f	01-02-03	yes	yes	9876543210
1	deepu	18	m	03-03-03	yes	yes	8765432190
2	chandu	34	f	04-04-83	yes	no	9768543210
3	rosy	27	f	03-07-00	no	yes	9087654321
4	sai	32	m	06-06-03	no	yes	9768534210
5	ratna	66	f	07-07-76	yes	yes	8976543210
6	hemika	33	f	02-03-82	yes	no	7096825341
7	dedipa	22	f	05-06-92	yes	yes	9879065132
8	harshita	13	f	06-06-54	yes	yes	7609145823
9	snaha	33	f	03-05-06	no	yes	6302987541
10	sreya	31	f	04-05-07	yes	no	9508241206
11	sreya	13	f	04-05-21	yes	yes	9492814253
12	ramya	32	f	02-02-82	yes	yes	9878657432
13	reshma	23	f	01-01-00	yes	no	7908564321
14	meghana	42	f	04-03-84	yes	yes	9987634265
15	deepak	44	m	09-03-82	yes	yes	9876578568
16	rama	74	m	02-11-64	yes	yes	7578798778
17	sonika	24	f	03-09-54	no	yes	7643475497
18	harini	19	f	05-08-92	yes	no	5434845675
19	asdsf	45	m	07-03-34	no	yes	1444575577

```
In [ ]:
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