

```
In [13]: #####Duplicate removal
import pandas as pd
df = pd.read_csv("E:\\yamini.csv")
print(df.to_string())
de=df.drop_duplicates(subset="Gender")
print(de)
```

	Serial.No	Name	Age	Gender	Phone No	Address	Email
0	1	Yamini	18	Female	2345678901	Nad	cyamini@gitam.in
1	2	Reshma	18	Female	4563217895	Nad	sdfghdfg@gitam.in
2	3	Nancy	18	Female	4563217895	Nad	yhsi@gitam.in
3	4	Sowmya	18	Female	4563217895	Nad	cyamini@gitam.in
4	5	Anagha	18	Female	4563217895	Nad	cyamini@gitam.in
5	6	Mohan	45	male	4563217895	Nad	cyamini@gitam.in
6	7	Likitha	54	Female	5637856467	Nad	cyamini@gitam.in
7	8	Shreya	87	Female	4563217895	Nad	cyamini@gitam.in
8	9	Sharmila	78	Female	4563217895	Nad	cyamini@gitam.in
9	10	Mounika	98	Female	4563217895	Nad	cyamini@gitam.in
10	11	Sangeeta	12	Female	4563217895	Nad	cyamini@gitam.in
11	12	Sai	12	Female	4563217895	Nad	cyamini@gitam.in
12	13	Tina	34	Female	4563217895	Nad	cyamini@gitam.in
13	14	Jenisha	32	Female	4563217895	Nad	cyamini@gitam.in
14	15	Manisha	87	male	4563217895	Nad	cyamini@gitam.in
15	16	Meghana	43	Female	4563217895	Nad	cyamini@gitam.in
16	17	Akshaya	18	male	4563217895	Nad	cyamini@gitam.in
17	18	Manasa	18	Female	4563217895	Nad	cyamini@gitam.in
18	19	Anitha	18	male	4563217895	Nad	cyamini@gitam.in
19	20	Asha	18	Female	4563217895	Nad	cyamini@gitam.in
	Serial.No	Name	Age	Gender	Phone No	Address	Email
0	1	Yamini	18	Female	2345678901	Nad	cyamini@gitam.in
5	6	Mohan	45	male	4563217895	Nad	cyamini@gitam.in

```
In [15]: import pandas as pd
df = pd.read_csv("E:\\yamini.csv")
de=df.drop_duplicates(subset="Gender",keep="first")
print(de)
```

	Serial.No	Name	Age	Gender	Phone No	Address	Email
0	1	Yamini	18	Female	2345678901	Nad	cyamini@gitam.in
5	6	Mohan	45	male	4563217895	Nad	cyamini@gitam.in

```
In [8]: import pandas as pd
df = pd.read_csv("E:\\details.csv")
print(df.to_string())
```

	Serial No	Name	Age	Gender	Phone No	Address	Email
0	1	Yamini	18	Female	4563217895	Nad	cyamini@gitam.in
1	2	Reshma	18	Female	4563217895	Nad	sdfghdfg@gitam.in
2	3	Nancy	18	Female	4563217895	Nad	yhsi@gitam.in
3	4	Sowmya	18	Female	4563217895	Nad	cyamini@gitam.in
4	5	Anagha	18	Female	4563217895	Nad	cyamini@gitam.in
5	6	Mohan	45	male	4563217895	Nad	cyamini@gitam.in
6	7	Likitha	54	Female	4563217895	Nad	cyamini@gitam.in
7	8	Shreya	87	Female	4563217895	Nad	cyamini@gitam.in
8	9	Sharmila	78	Female	4563217895	Nad	cyamini@gitam.in
9	10	Mounika	98	Female	4563217895	Nad	cyamini@gitam.in
10	11	Sangeeta	12	Female	4563217895	Nad	cyamini@gitam.in
11	12	Sai	12	Female	4563217895	Nad	cyamini@gitam.in
12	13	Tina	34	Female	4563217895	Nad	cyamini@gitam.in
13	14	Jenisha	32	Female	4563217895	Nad	cyamini@gitam.in
14	15	Manisha	87	Female	4563217895	Nad	cyamini@gitam.in
15	16	Meghana	43	Female	4563217895	Nad	cyamini@gitam.in
16	17	Akshaya	18	Female	4563217895	Nad	cyamini@gitam.in
17	18	Manasa	18	Female	4563217895	Nad	cyamini@gitam.in
18	19	Anitha	18	Female	4563217895	Nad	cyamini@gitam.in
19	20	Asha	18	Female	4563217895	Nad	cyamini@gitam.in

```
In [22]: import pandas as pd

df = pd.read_csv("E:\\details.csv")
df.aggreate({"Age": ['min', 'max']})
```

Out[22]:

	Age
min	12
max	98

```
In [23]: import pandas as pd

df = pd.read_csv("E:\\details.csv")
df.aggregate({"Age": ['sum']})
```

Out[23]:

	Age
sum	744

```
In [24]: import pandas as pd

df = pd.read_csv("E:\\details.csv")
df.aggregate({"Phone No": ['min', 'max']})
```

Out[24]:

	Phone No
min	4563217895
max	4563217895

```
In [26]: import pandas as pd

df = pd.read_csv("E:\\details.csv")
df.aggregate({"Phone No": ['sum']})
```

Out[26]:

	Phone No
sum	91264357900

```
In [27]: import pandas as pd

df = pd.read_csv("E:\\details.csv")
df.aggregate({"Age": ['mean']})
```

Out[27]:

	Age
mean	37.2

```
In [34]: import pandas as pd

df = pd.read_csv("E:\\details.csv")
print(df.aggregate({"Serial No": ['sum']}))
print(df.aggregate({"Age": ['max']}))
```

	Serial No
sum	210
	Age
max	98