In [9]:
```
import pandas as pd

data = {'Name': ['Alice', 'Yoshva', 'Charlie'], 'Age': [24, 25, 26],'City': ['T
df = pd.DataFrame(data)
print(df)
```

```
      Name  Age        City
0    Alice   24      Trichy
1   Yoshva   25  Kumbakonam
2  Charlie   26     Madurai
```

In [10]:
```
import pandas as pd
df=pd.read_csv('sample.csv')
print(df.head())
```

```
             Name   Age          City                      Email
0        John Doe    29      New York        john.doe@email.com
1      Jane Smith    34   Los Angeles      jane.smith@email.com
2    Mark Johnson    45       Chicago    mark.johnson@email.com
3     Emily Davis    22       Houston     emily.davis@email.com
4   Michael Brown    38       Phoenix   michael.brown@email.com
```

In [12]:
```
import pandas as pd
df=pd.read_csv('sample.csv')
print(df.tail())
```

```
              Name   Age           City                       Email
5     Sarah Wilson    26   Philadelphia      sarah.wilson@email.com
6      David Moore    41    San Antonio       david.moore@email.com
7    Sophia Taylor    30      San Diego     sophia.taylor@email.com
8   James Anderson    50         Dallas    james.anderson@email.com
9  Isabella Thomas    28         Austin   isabella.thomas@email.com
```

In [5]:
```
import pandas as pd

df = pd.DataFrame({'A': [1, 2, None, 4], 'B': [None, 2, 3, 4]})
df_cleaned = df.dropna()
print(df_cleaned)
```

```
     A    B
1  2.0  2.0
3  4.0  4.0
```

In [7]:
```
import pandas as pd
df=pd.DataFrame({'A':[1,2,3,4],'B':[5,6,7,8]})
filterd_data=df[df['A']>2]
print(filterd_data)
```

```
   A  B
2  3  7
3  4  8
```

In [9]:
```
import pandas as pd
df=pd.DataFrame({'A':['Foo','Boo','Foo','Boo'],'B':[1,2,3,4]})
grouped=df.groupby('A').sum()
print(grouped)
```

```
     B
A
Boo  6
Foo  4
```

In [11]:
```
import pandas as pd
df1=pd.DataFrame({'A':['Foo','Bat'],'B':[1,2]})
df2=pd.DataFrame({'A':['Foo','Bat'],'C':[3,4]})
merged_df=pd.merge(df1,df2,on='A')
print(merged_df)
```

```
     A  B  C
0  Foo  1  3
1  Bat  2  4
```

In [ ]:
```

```