

```
import pandas as pd
import matplotlib.pyplot as plt

df = pd.DataFrame({
    'rollno': [1, 2, 3, 4, 5],
    'name': ['Alice', 'Bob', 'Charlie', 'David', 'Eva'],
    'place': ['NY', 'LA', 'TX', 'FL', 'WA'],
    'mark': [85, 90, 78, 88, 92]
})
df.to_csv('stud.csv', index=False)

df = pd.read_csv('stud.csv')
df.set_index('rollno', inplace=True)

print(df)
print(df[['name', 'mark']])
print(df.sort_values('name')[['name', 'mark']])
print(df.sort_values('mark', ascending=False)[['name', 'mark']])
print(df['mark'].mean())
print(df['mark'].median())
print(df['mark'].mode()[0])
print(df['mark'].min())
print(df['mark'].max())
print(df['mark'].var())
print(df['mark'].std())

df['mark'].hist()
plt.show()

df.drop(columns='place', inplace=True)
print(df)
```