

terminal Help ← → python

Welcome your_script.py X

your_script.py > ...

```
1 import pandas as pd
2 df = pd.read_csv('https://drive.google.com/uc?export=download&id=1MQr55G32SGrWrGQpnngy7XP1IWtvLyqR')
3 print("First few rows of the DataFrame:")
4 print(df.head())
5 filtered_df = df[df['Age'] > 30]
6 print("\nFiltered DataFrame (Age > 30):")
7 print(filtered_df)
8 df_no_missing = df.dropna()
9 print("\nDataFrame after dropping rows with missing values:")
10 print(df_no_missing)
11 mean_age = df['Age'].mean()
12 print(f"\nMean age: {mean_age}")
13 summary = df.describe()
14 print("\nSummary statistics:")
15 print(summary)
16
```

```
>> First few rows of the DataFrame:
```

```
>>   Unnamed: 0  Name  Age  Gender
>> 0          1  John   25    Male
>> 1          2  Emma   32   Female
>> 2          3 Michael   27    Male
>> 3          4  Sophia  35   Female
>> 4          5 William  29    Male
>>
```

```
>> Filtered DataFrame (Age > 30):
```

```
>>   Unnamed: 0  Name  Age  Gender
>> 1          2  Emma   32   Female
>> 3          4  Sophia  35   Female
>>
```

```
>> DataFrame after dropping rows with missing values:
```

```
>>   Unnamed: 0  Name  Age  Gender
>> 0          1  John   25    Male
>> 1          2  Emma   32   Female
>> 2          3 Michael   27    Male
>> 3          4  Sophia  35   Female
>> 4          5 William  29    Male
>>
```

```
>> Mean age: 29.6
```

```
>>
```

```
>> Summary statistics:
```

```
>>   Unnamed: 0  Age
>> count      5.000000  5.000000
>> mean       3.000000  29.600000
>> std        1.581139  3.97492
>> min        1.000000  25.000000
>> 25%        2.000000  27.000000
>> 50%        3.000000  29.000000
>> 75%        4.000000  32.500000
>> max        5.000000  35.000000
>>
```