```
import pandas as pd

# Load dataset (adjust path as needed)
df = pd.read_csv("/content/student-dataset(1).csv")

# Preview
print(df.shape)
print(df.head())
```

```
(395, 1)
  school;sex;age;address;famsize;Pstatus;Medu;Fedu;Mjob;Fjob;reason;guardian;travelti
0  GP;"F";18;"U";"GT3";"A";4;4;"at_home";"teacher...
1  GP;"F";17;"U";"GT3";"T";1;1;"at_home";"other";...
2  GP;"F";15;"U";"LE3";"T";1;1;"at_home";"other";...
3  GP;"F";15;"U";"GT3";"T";4;2;"health";"services...
4  GP;"F";16;"U";"GT3";"T";3;3;"other";"other";"h...
```

```
print(df.info())
print(df.describe(include='all'))
print("/content/student-dataset(1).csv")
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 395 entries, 0 to 394
Data columns (total 1 columns):
 #   Column
---  ------
 0   school;sex;age;address;famsize;Pstatus;Medu;Fedu;Mjob;Fjob;reason;guardian;trave
dtypes: object(1)
memory usage: 3.2+ KB
None
       school;sex;age;address;famsize;Pstatus;Medu;Fedu;Mjob;Fjob;reason;guardian;tra
count                                                 395
unique                                                395
top     MS;"M";19;"U";"LE3";"T";1;1;"other";"at_home";...
freq                                                    1
/content/student-dataset(1).csv
```

```
print("Missing values:\n", df.isnull().sum())
print("Duplicates:", df.duplicated().sum())
```

```
Missing values:
 school;sex;age;address;famsize;Pstatus;Medu;Fedu;Mjob;Fjob;reason;guardian;traveltim
dtype: int64
Duplicates: 0
```

```
import matplotlib.pyplot as plt
import seaborn as sns
```

```
import seaborn as sns

sns.countplot("/content/student-dataset(1).csv")
plt.title("Emotion Distribution")
plt.xticks(rotation=45)
plt.show()
```