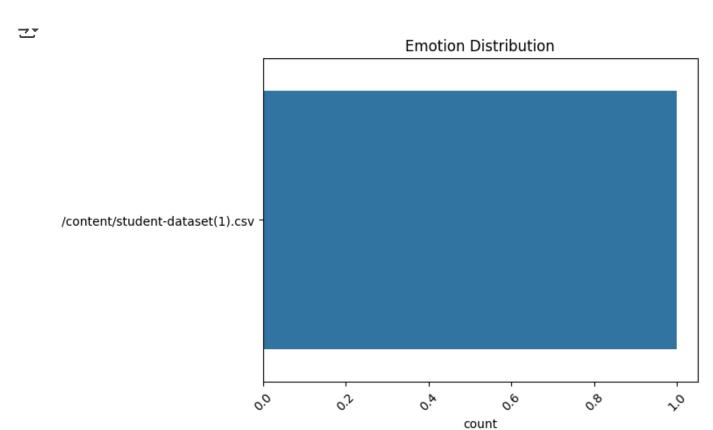
```
import pandas as pd
# Load dataset (adjust path as needed)
df = pd.read_csv("/content/student-dataset(1).csv")
# Preview
print(df.shape)
print(df.head())
→ (395, 1)
       school;sex;age;address;famsize;Pstatus;Medu;Fedu;Mjob;Fjob;reason;guardian;travelti
    0 GP;"F";18;"U";"GT3";"A";4;4;"at_home";"teacher...
    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
      #
          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
                                                           395
     unique
             MS; "M"; 19; "U"; "LE3"; "T"; 1; 1; "other"; "at_home"; ...
     top
     freq
     /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
```

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



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