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import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
df=pd.read_csv('student_performance (2).csv')
print(df)

sns.barplot(x="Gender", y="Score", data=df)
plt.title("Average Bill by Day")
plt.grid()
plt.show()

sns.regplot(x="Attendance_Percentage", y="Score", data=df)
plt.title("Regression: attendance vs score")
plt.show()

sns.violinplot(x="Study_Hours", y="Score", data=df)
plt.title("relationship between A&S")
plt.show()

sns.boxplot( y="Score", data=df)
plt.title("Bill Distribution by time")
plt.grid()
plt.show()

x=df[["Study_Hours", "Attendance_Percentage", "Score"]]
sns.pairplot(x)
plt.title("pair plot")
plt.show()

```

	Student_ID	Gender	Study_Hours	Attendance_Percentage	Score
0	1	Male	2	65	55
1	2	Female	4	78	72
2	3	Male	1	50	48
3	4	Female	5	88	85
4	5	Male	3	70	60
5	6	Female	6	92	90
6	7	Male	4	80	68
7	8	Female	2	60	58
8	9	Male	5	85	75
9	10	Female	3	75	65

