

A00573055 Rodrigo Martinez Vallejo

- Elemento de lista
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Link del repositorio: <https://github.com/a00573055/Mastering-Analytics->

✓ Función de correlación

```
num_data_corr = numeric_data.corr()  
print(num_data_corr)
```

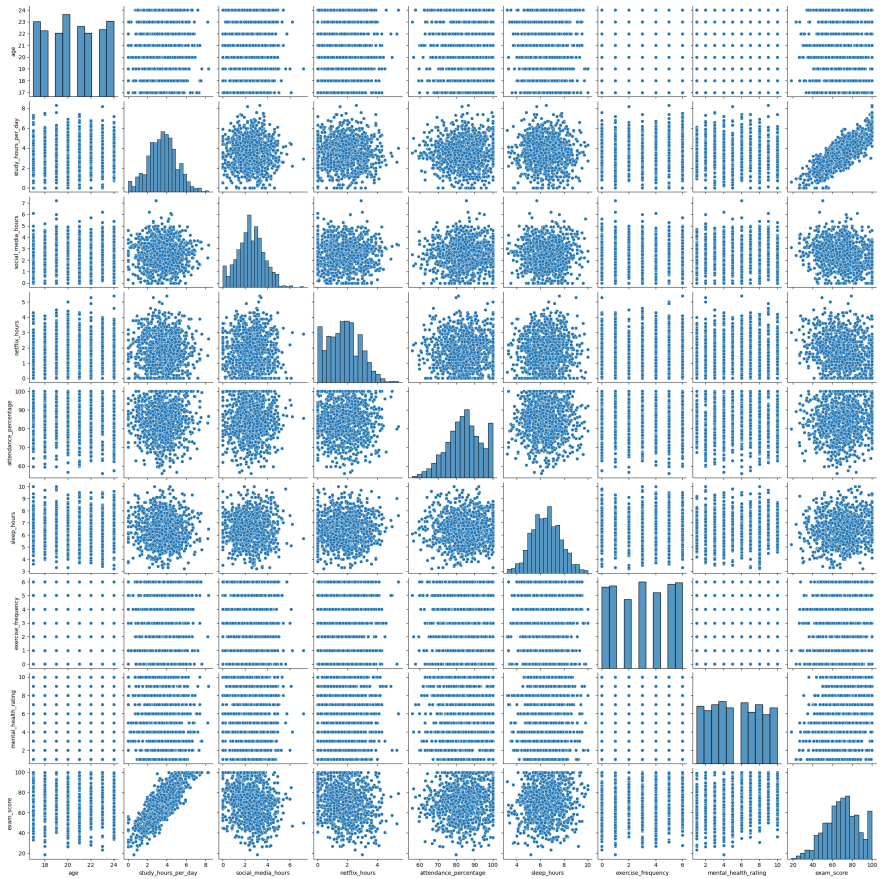
```
↔
```

	age	study_hours_per_day	social_media_hours	\
age	1.000000	0.003971	-0.009151	
study_hours_per_day	0.003971	1.000000	0.020282	
social_media_hours	-0.009151	0.020282	1.000000	
netflix_hours	-0.001174	-0.031158	0.011477	
attendance_percentage	-0.026055	0.026264	0.040479	
sleep_hours	0.037482	-0.027757	0.018236	
exercise_frequency	-0.003836	-0.028701	-0.037319	
mental_health_rating	-0.045101	-0.003768	0.001496	
exam_score	-0.008907	0.825419	-0.166733	

	netflix_hours	attendance_percentage	sleep_hours	\
age	-0.001174	-0.026055	0.037482	
study_hours_per_day	-0.031158	0.026264	-0.027757	
social_media_hours	0.011477	0.040479	0.018236	
netflix_hours	1.000000	-0.002092	-0.000935	
attendance_percentage	-0.002092	1.000000	0.013756	
sleep_hours	-0.000935	0.013756	1.000000	
exercise_frequency	-0.006448	-0.007857	0.019769	
mental_health_rating	0.008034	-0.018745	-0.006508	
exam_score	-0.171779	0.089836	0.121683	

	exercise_frequency	mental_health_rating	exam_score
age	-0.003836	-0.045101	-0.008907
study_hours_per_day	-0.028701	-0.003768	0.825419
social_media_hours	-0.037319	0.001496	-0.166733
netflix_hours	-0.006448	0.008034	-0.171779
attendance_percentage	-0.007857	-0.018745	0.089836
sleep_hours	0.019769	-0.006508	0.121683
exercise_frequency	1.000000	-0.000242	0.160107
mental_health_rating	-0.000242	1.000000	0.321523
exam_score	0.160107	0.321523	1.000000

```
sns.pairplot(numeric_data)  
plt.show()
```



Heatmap

```
sns.heatmap(num_data_corr, annot=True, cmap='coolwarm')
plt.title("Correlation Heatmap")
plt.show()
```

