```
from google.colab import drive

drive.mount('/content/gdrive')

   Mounted at /content/gdrive

import pandas as pd

df = pd.read_csv('/content/gdrive/MyDrive/school_scores.csv')
#Task 1
df
```

	Year	State.Code	State.Name	Total.Math	Total.Test- takers	Total.Verbal	Subjects.Arts/
0	2005	AL	Alabama	559	3985	567	
1	2005	AK	Alaska	519	3996	523	
2	2005	AZ	Arizona	530	18184	526	
3	2005	AR	Arkansas	552	1600	563	
4	2005	CA	California	522	186552	504	
572	2015	VA	Virginia	517	59621	518	
573	2015	WA	Washington	511	44423	502	
574	2015	WV	West Virginia	500	2501	509	
575	2015	WI	Wisconsin	606	2277	591	
576	2015	WY	Wyoming	587	181	588	
577 rc	ws × 9:	9 columns					

#Task 2-df.info()

14	JUI -	wanges. Dermeen	000	LU	HOO. VEL DOT'L CHIOTES	211	HOH HUTT	THLOA
73	Score	Ranges.Between	300	to	400.Verbal.Males	577	non-null	int64
74	Score	Ranges.Between	300	to	400.Verbal.Total	577	non-null	int64
75	Score	Ranges.Between	400	to	500.Math.Females	577	non-null	int64
76	Score	Ranges.Between	400	to	500.Math.Males	577	non-null	int64
77	Score	Ranges.Between	400	to	500.Math.Total	577	non-null	int64
78	Score	Ranges.Between	400	to	500.Verbal.Females	577	non-null	int64
79	Score	Ranges.Between	400	to	500.Verbal.Males	577	non-null	int64
80	Score	Ranges.Between	400	to	500.Verbal.Total	577	non-null	int64
81	Score	Ranges.Between	500	to	600.Math.Females	577	non-null	int64
82	Score	Ranges.Between	500	to	600.Math.Males	577	non-null	int64
83	Score	Ranges.Between	500	to	600.Math.Total	577	non-null	int64
84	Score	Ranges.Between	500	to	600.Verbal.Females	577	non-null	int64
85	Score	Ranges.Between	500	to	600.Verbal.Males	577	non-null	int64
86	Score	Ranges.Between	500	to	600.Verbal.Total	577	non-null	int64
87	Score	Ranges.Between	600	to	700.Math.Females	577	non-null	int64
88	Score	Ranges.Between	600	to	700.Math.Males	577	non-null	int64
89	Score	Ranges.Between	600	to	700.Math.Total	577	non-null	int64
90	Score	Ranges.Between	600	to	700.Verbal.Females	577	non-null	int64
91	Score	Ranges.Between	600	to	700.Verbal.Males	577	non-null	int64
92	Score	Ranges.Between	600	to	700.Verbal.Total	577	non-null	int64
93	Score	Ranges.Between	700	to	800.Math.Females	577	non-null	int64
94	Score	Ranges.Between	700	to	800.Math.Males	577	non-null	int64
95	Score	Ranges.Between	700	to	800.Math.Total	577	non-null	int64
96	Score	Ranges.Between	700	to	800.Verbal.Females	577	non-null	int64
97	Score	Ranges.Between	700	to	800.Verbal.Males	577	non-null	int64
98	Score	Ranges.Between	700	to	800.Verbal.Total	577	non-null	int64
dtype	es: flo	oat64(12), int64	1(85)	), (	object(2)			
memoi	^y usa§	ge: 446.4+ KB						

#Task 3-df.describe(include='all')

	Year	State.Code	State.Name	Total.Math	Total.Test- takers	Total.Verbal	Sut			
count	577.000000	577	577	577.000000	577.000000	577.000000				
unique	NaN	53	53	NaN	NaN	NaN				
top	NaN	AL	Alabama	NaN	NaN	NaN				
freq	NaN	11	11	NaN	NaN	NaN				
mean	2010.019064	NaN	NaN	535.682842	27914.242634	531.334489				
std	3.169623	NaN	NaN	46.171611	45602.106878	44.318302				
min	2005.000000	NaN	NaN	383.000000	134.000000	401.000000				
25%	2007.000000	NaN	NaN	504.000000	2536.000000	496.000000				
50%	2010.000000	NaN	NaN	527.000000	6468.000000	522.000000				
75%	2013.000000	NaN	NaN	571.000000	35799.000000	572.000000				
max	2015.000000	NaN	NaN	619.000000	241553.000000	612.000000				
11 rows ×	11 rows × 99 columns									

#Task 4-df.isnull()

	Year S	itate.Code S	State.Name	Total.Math	Total.Test- takers	Total.Verbal	Academic Subjects.Arts/Music.Average GPA	Academic Subjects.Arts/Music.Average Years	Sub
0	False	False	False	False	False	False	False	False	
1	False	False	False	False	False	False	False	False	
2	False	False	False	False	False	False	False	False	
5									
("no	null val	ues-\n",df)							
573				1584					•
574				43					
575 576				309 13					
	Score Ra	nges.Betweer	n 700 to 800	A. Math. Total	\				
0	Jeore ne	mges received	1 700 00 000	448					
1				163					
2				957					
3				132					
4				14243					
				2427					
572				3427					
573 574				2426 73					
575				475					
576				25					
	Scono Da	ngos Potucor	. 700 to 900	Vonhal Fom	alos \				
0	score Ra	inges.Betweer	1 700 10 800	o.verbai.rem	219				
1					109				
2					412				
3					77				
4					5011				
572					1479				
573					1067				
74					42				
575 576					198 15				
	Cono D-	ngos Potucor	700 +0 900	Nonhal Mal					
0	Score Ne	inges.Betweer	1 700 10 806		50				
1					15				
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3					93				
4				47	66				
 E72					· ·				
572 573				15 10					
574					40				
575					25				
576					15				
	Score Ra	nges.Betweer	n 700 to 800	.Verbal.Tot	al				
0					69				
1					24				
2					13				
3 4				1 97	70 77				
4					••				
572				30					
573				21					
574					82				
575					23				
576					30				