

Ejemplo 1

```
In [53]: import pandas as pd

df1 = pd.read_csv('mark.csv')
df2 = pd.read_csv('student.csv')

df1.head()
```

Out[53]:

	Student_id	Mark	City
0	1	95	Chennai
1	2	70	Delhi
2	3	98	Mumbai
3	4	75	Pune
4	5	89	Kochi

```
In [54]: df2.head()
```

Out[54]:

	Student_id	Age	Gender	Grade	Employed
0	1	19	Male	1st Class	yes
1	2	20	Female	2nd Class	no
2	3	18	Male	1st Class	no
3	4	21	Female	2nd Class	no
4	5	19	Male	1st Class	no

```
In [55]: df = pd.merge(df1, df2, on='Student_id')
print(df.shape)
df.head()
```

(232, 7)

Out[55]:

	Student_id	Mark	City	Age	Gender	Grade	Employed
0	1	95	Chennai	19	Male	1st Class	yes
1	2	70	Delhi	20	Female	2nd Class	no
2	3	98	Mumbai	18	Male	1st Class	no
3	4	75	Pune	21	Female	2nd Class	no
4	5	89	Kochi	19	Male	1st Class	no

```
In [56]: cars1 = pd.read_csv('cars1.csv')
cars2 = pd.read_csv('cars2.csv')

cars1.head()
```

Out[56]:

	mpg	cylinders	displacement	horsepower	weight	acceleration	model	origin	car	data1	data2
0	18.0	8	307	130	3504	12	70	1	chevrolet chevelle malibu	NaN	NaN
1	15.0	8	350	165	3693	11.5	70	1	buick skylark 320	NaN	NaN
2	18.0	8	318	150	3436	11	70	1	plymouth satellite	NaN	NaN
3	16.0	8	304	150	3433	12	70	1	amc rebel sst	NaN	NaN
4	17.0	8	302	140	3449	10.5	70	1	ford torino	NaN	NaN

```
In [57]: cars2.head()
```

Out[57]:

	mpg	cylinders	displacement	horsepower	weight	acceleration	model	origin	car
0	33.0	4	91	53	1795	17.4	76	3	honda civic
1	20.0	6	225	100	3651	17.7	76	1	dodge aspen se
2	18.0	6	250	78	3574	21	76	1	ford granada ghia
3	18.5	6	250	110	3645	16.2	76	1	pontiac ventura sj
4	17.5	6	258	95	3193	17.8	76	1	amc pacer d/l

```
In [58]: cars1 = cars1.drop(['data1', 'data2'], axis=1)

cars = pd.concat([cars1, cars2])
print(cars.shape)
cars.head()
```

(398, 9)

Out[58]:

	mpg	cylinders	displacement	horsepower	weight	acceleration	model	origin	car
0	18.0	8	307	130	3504	12	70	1	chevrolet chevelle malibu
1	15.0	8	350	165	3693	11.5	70	1	buick skylark 320
2	18.0	8	318	150	3436	11	70	1	plymouth satellite
3	16.0	8	304	150	3433	12	70	1	amc rebel sst
4	17.0	8	302	140	3449	10.5	70	1	ford torino