result = df1.append(df2)

result = pd.concat([df1, df4], ignore\_index=True, sort=False)

#append row to the dataframe

new\_row = {'name':'Geo', 'physics':87, 'chemistry':92, 'algebra':97}

df\_marks = df\_marks.append(new\_row, ignore\_index=False)

UNION

Para unir dos DataFrames (df1, df2) la forma más práctica sería:

df1.append(df2)

UNION, no se repite elementos

Si quiero unir dos DataFrames (df1, df2), puedo usar:

pd.concat([df1,df2])

PUEDE HABER DUPLICADOS

#si le da ignore\_index=True no le crea indice

s2 = pd.Series(["\_0", "\_1", "\_2", "\_3"])

result = pd.concat([df1, s2, s2, s2], axis=1)

s3 = pd.Series([0, 1, 2, 3], name="foo")

s4 = pd.Series([0, 1, 2, 3])

s5 = pd.Series([0, 1, 4, 5])

pd.concat([s3, s4, s5], axis=1)

foo 0 1

0 0 0 0

1 1 1 1

2 2 2 4

3 3 3 5

pd.concat([s3, s4, s5], axis=1, keys=["red", "blue", "yellow"])

red blue yellow

0 0 0 0

1 1 1 1

2 2 2 4

3 3 3 5

#append row from serie

s2 = pd.Series(["X0", "X1", "X2", "X3"], index=["A", "B", "C", "D"])

result = df1.append(s2, ignore\_index=True)

|  |  |
| --- | --- |
|  |  |

|  |  |
| --- | --- |
| pd.concat([s1],[s2]) | pd.concat([s1],[s2], axis=1) |
|  |  |
| df1 | df2 |
|  |  |
| pd.concat([df1,df2, axis=1) |  |
| pd.concat([df1,df2, axis=1, join=’inner’)  Indice 2 esta en ambos lados |  |

Diagram

Description automatically generated

|  |  |
| --- | --- |
|  |  |
| df.merge(df\_left,df\_right)  por campo “Y” y2, y3  pd.merge(df\_left, df\_right,  how='inner', on='Y' |  |
| pd.merge(df\_left, df\_right,  left\_on='Mix', right\_on='Y'  < left.Mix = right.Y> |  |
| pd.merge(df\_left, df\_right,  how='left', on='Y' |  |
| pd.merge(df\_left, df\_right,  how='outer', on='Y'  y2, y3 |  |
| pd.merge(df\_left, df\_right,  how='outer', on=['Y','A'] |  |
| pd.merge(df\_left, df\_right,  how='outer', on='A' |  |
| pd.merge(df\_left, df\_right,  how='outer', on='A',  suffixes=['\_left','\_right']) |  |