

0	40	Hombre	0	1	0	1	0	0	0	1	0	1
1	58	Hombre	0	0	0	1	0	0	1	0	0	0
2	41	Hombre	1	0	0	1	1	0	0	1	0	1
3	45	Hombre	0	0	1	1	1	1	0	1	0	1
4	60	Hombre	1	1	1	1	1	0	1	1	1	1

```
In [43]: prediccion_prueba = preprocessor.transform(df.head().drop('clase', axis=1))
prediccion_prueba
```

```
Out[43]: array([[ 1.         ,  0.         , -0.6613669, -0.99233705,  1.10984668,
 -0.84626923,  0.83959397, -0.91512613, -0.53584393, -0.90102535,
  1.02729546, -0.56550593,  1.08431186, -0.86991767,  1.29099445,
  1.38022749,  2.21564684],
 [ 1.         ,  0.         ,  0.82136224, -0.99233705, -0.90102535,
 -0.84626923,  0.83959397, -0.91512613, -0.53584393,  1.10984668,
 -0.97342978, -0.56550593, -0.9222439 ,  1.14953407, -0.77459667,
  1.38022749, -0.45133547],
 [ 1.         ,  0.         , -0.57899306,  1.00772212, -0.90102535,
 -0.84626923,  0.83959397,  1.09274555, -0.53584393, -0.90102535,
  1.02729546, -0.56550593,  1.08431186, -0.86991767,  1.29099445,
  1.38022749, -0.45133547],
 [ 1.         ,  0.         , -0.24949769, -0.99233705, -0.90102535,
  1.18165704,  0.83959397,  1.09274555,  1.86621505, -0.90102535,
  1.02729546, -0.56550593,  1.08431186, -0.86991767, -0.77459667,
 -0.72451824, -0.45133547],
 [ 1.         ,  0.         ,  0.98610992,  1.00772212,  1.10984668,
  1.18165704,  0.83959397,  1.09274555, -0.53584393,  1.10984668,
  1.02729546,  1.76832806,  1.08431186,  1.14953407,  1.29099445,
  1.38022749,  2.21564684]])
```

```
In [44]: resultados[mejor_modelo]['modelo'].predict(prediccion_prueba)
```

```
Out[44]: array([1, 1, 1, 1, 1])
```

```
In [45]: dataset_completo_pre_procesado = preprocessor.transform(df.drop('clase', axis=1))
prediccion_dataset_completo = resultados[mejor_modelo]['modelo'].predict(dataset_completo_pre_procesado)
```

```
In [46]: pd.set_option('display.max_rows', 520)
```

```
In [47]: df['pre_diagnostico_prediccion'] = prediccion_dataset_completo
df.rename(columns={'clase': 'diagnostico_real'}, inplace=True)
df
```

60	Hombre	0	0	0	1	0	0	0	0	0	0	1
58	Hombre	0	0	0	0	1	0	0	1	0	1	0
54	Hombre	0	0	1	1	0	1	0	0	0	1	0
43	Hombre	0	0	1	0	0	1	0	0	0	1	0
33	Mujer	0	0	0	0	0	0	0	0	0	0	0
55	Mujer	0	0	0	1	0	1	0	1	0	1	1
36	Mujer	0	0	0	1	0	0	0	0	1	0	0
28	Mujer	0	0	0	0	1	0	0	0	0	0	1
34	Mujer	0	0	1	0	0	0	0	0	0	0	0
65	Mujer	0	0	0	1	0	0	0	1	0	1	0
34	Mujer	0	0	0	0	0	0	0	0	0	0	0
64	Hombre	0	0	0	1	1	0	1	1	1	1	0

```
In [ ]:
```