Transformación

In [2]:
```
import pandas as pd
```

In [4]:
```
file = pd.read_csv('Cuvino E1.csv', header=0, low_memory=False)
print(file.info)
```

```
<bound method DataFrame.info of       Pais  Edad  P6  P14  P30  P32  E1
0        2    25   0    0    0    0   0
1        2    22   0    0    2    0   0
2        2    29   0    0    0    0   0
3        2    26   0    1    1    0   0
4        2    22   0    0    0    1   0
...    ...   ...  ..  ...  ...  ...  ..
2977     6    18   4    2    4    4   1
2978     6    33   3    4    3    4   1
2979     6    49   2    2    1    2   1
2980     6    28   3    3    3    4   1
2981     6    29   1    1    4    4   1

[2982 rows x 7 columns]>
```

In [7]:
```
X = pd.DataFrame(file, columns=['Pais', 'Edad', 'P6','P14','P30','P32'])
Y = pd.DataFrame(file, columns=['E1'])
print(X)
print(Y)
```

```
      Pais  Edad  P6  P14  P30  P32
0        2    25   0    0    0    0
1        2    22   0    0    2    0
2        2    29   0    0    0    0
3        2    26   0    1    1    0
4        2    22   0    0    0    1
...    ...   ...  ..  ...  ...  ...
2977     6    18   4    2    4    4
2978     6    33   3    4    3    4
2979     6    49   2    2    1    2
2980     6    28   3    3    3    4
2981     6    29   1    1    4    4

[2982 rows x 6 columns]
      E1
0      0
1      0
2      0
3      0
4      0
...   ..
2977   1
2978   1
2979   1
2980   1
2981   1

[2982 rows x 1 columns]
```

Transforamción

In [8]:
```
from sklearn.preprocessing import StandardScaler
```

In [9]:
```
transformador = StandardScaler()
transformador.fit(X)
datasetTransformado = transformador.transform(X)
print(datasetTransformado)
```

```
[[-1.36765752 -0.11427163 -1.15964153 -1.01711139 -1.32793843 -0.90792607]
 [-1.36765752 -0.45423637 -1.15964153 -1.01711139  0.05567876 -0.90792607]
 [-1.36765752  0.33901469 -1.15964153 -1.01711139 -1.32793843 -0.90792607]
 ...
 [ 1.40626169  2.60544629  0.2698959   0.359972   -0.63612983  0.42055064]
 [ 1.40626169  0.22569311  0.98466461  1.0485137   0.74748735  1.74902736]
 [ 1.40626169  0.33901469 -0.44487281 -0.3285697   1.43929595  1.74902736]]
```

In [ ]:
```

```