1_Simulación

February 2, 2023

[ ]:
```
import numpy as np
import scipy.stats as stats

N = 100 #Cantidad de simulaciones
x = np.random.uniform(0,1,N) #Simulacion de Uniforme
y = stats.norm.ppf(x) #F-1
print(y)
```

```
[-0.11612299 -0.11005457 -1.76441367  0.77996654 -3.10808676 -1.4883891
 -0.61493315 -0.28308305  1.10467225  0.39046304  1.18230391 -0.09391112
  0.4265585   0.46332398 -0.01624886  1.186482   -2.34167845  0.26508786
  1.95503675  0.81018539  1.70280568  2.19053449  0.95551095 -0.20722829
 -1.42858989 -2.20407469  0.2225176  -0.38314215  0.84147834  0.12959301
  0.09487806 -0.53168858  0.20086832  0.10815923 -1.14135722 -0.7330996
  0.3459707  -0.34299258 -0.71507674 -0.04492867  1.43888893 -0.22948553
  0.74615151  0.91438868 -1.09543119  0.13809015  1.49944758  0.398455
  0.30442618  0.78479421  0.4979328   0.89577783 -2.11036794  1.10849084
  1.29548624  1.8535937  -1.2677613   1.06970722 -1.12319496  0.19024242
 -0.54902163  1.07636818 -1.29248301  1.51462755  1.29403245  0.76720495
  0.45757221  0.62356538  2.29961882  0.2897594   0.56046206  1.61132855
 -0.86357447  1.11000453  0.88387562 -1.54819147 -1.24523387  0.30468091
 -0.03428456  2.02734297 -2.6350987   0.68198171 -1.3605629   0.27744446
 -0.94388298 -0.94126335  1.00390918 -1.20030443  0.92909819  0.03300873
 -1.82762595 -1.62496646  1.80260432  1.87003164  1.44939364  1.20605195
  1.48834256  0.33416957 -0.10531217  0.01118245]
```