Test done 2025_03_15 at 14_37_58

Initial condition
Size : 100
I_Energy : 100
I_Age : 100
I_Distr : Uniform
Active : 100
C_Min : 25
C_Max : 200
C_Regen : 25
C_Distr : Uniform
Height : 100
Width : 100
P_Distr : Uniform
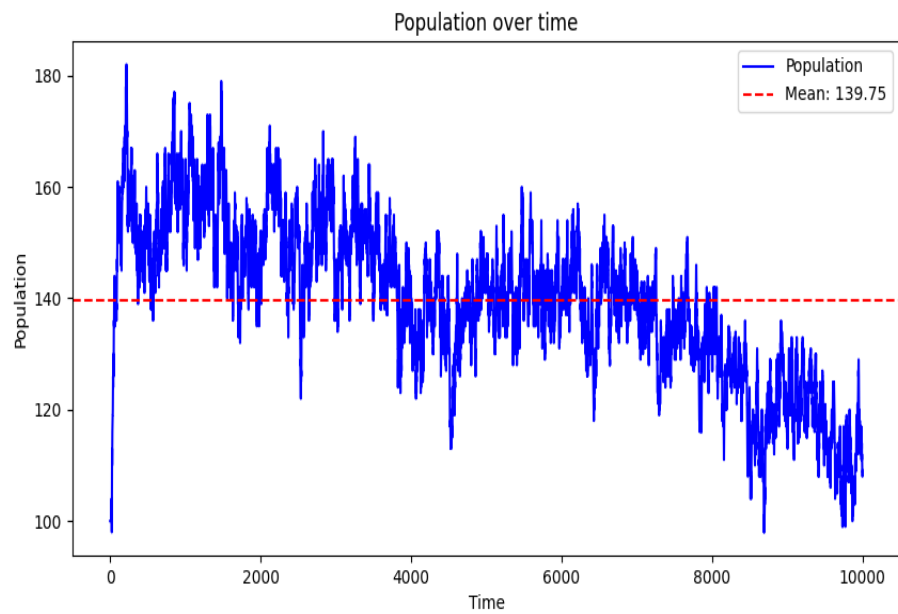Move : 1
Eat : 1
Rest : 0
Reproduce : 5
Radius : 4
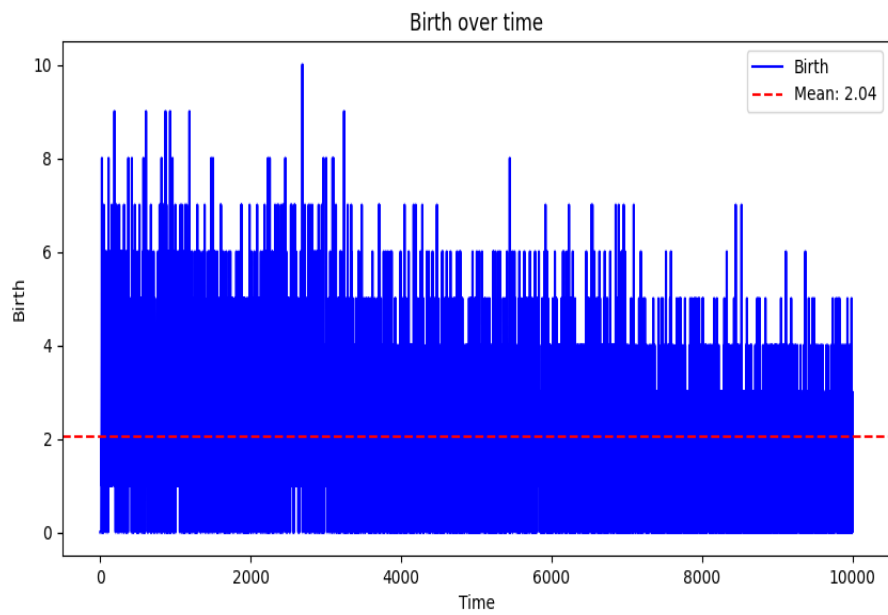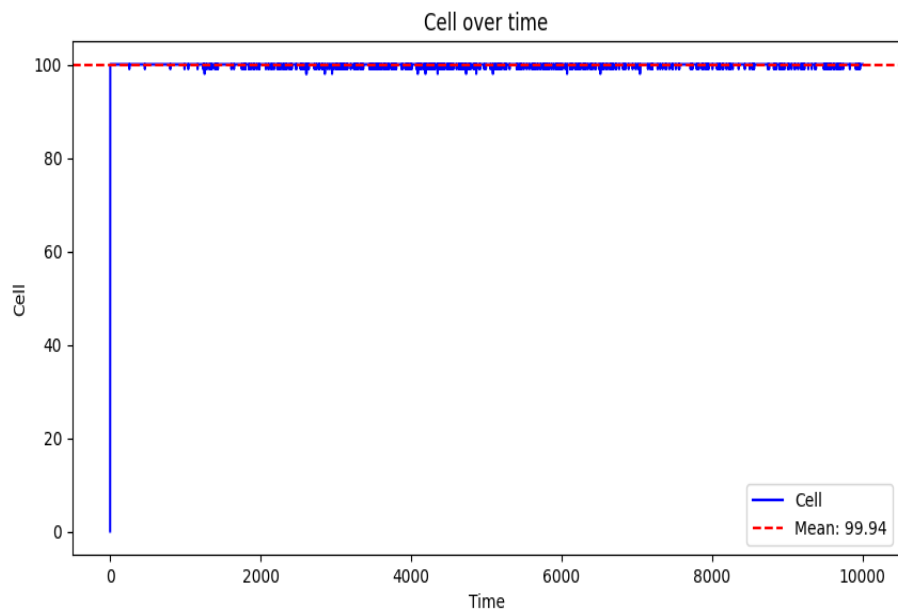Maturity : 0.18
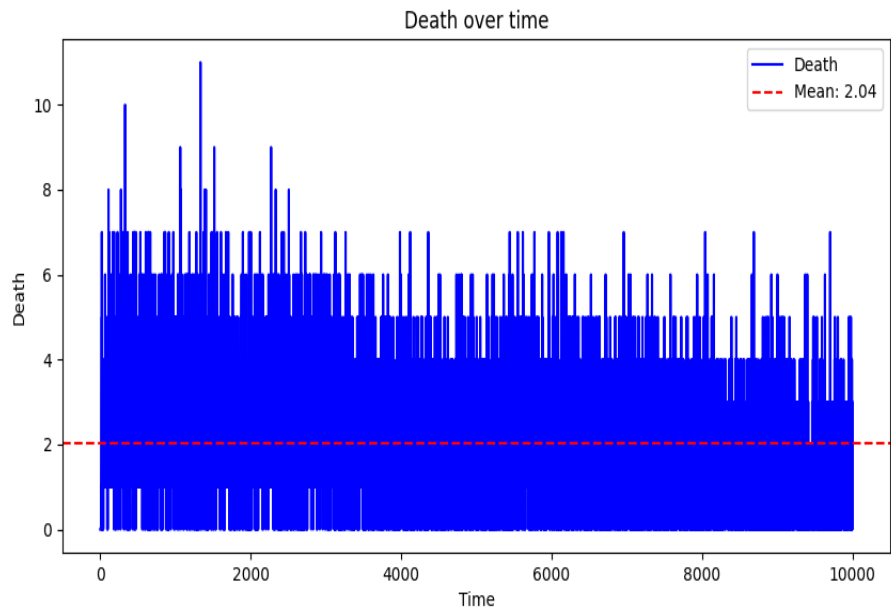Energy Needed : 0.6
Extra Energy : 0.2
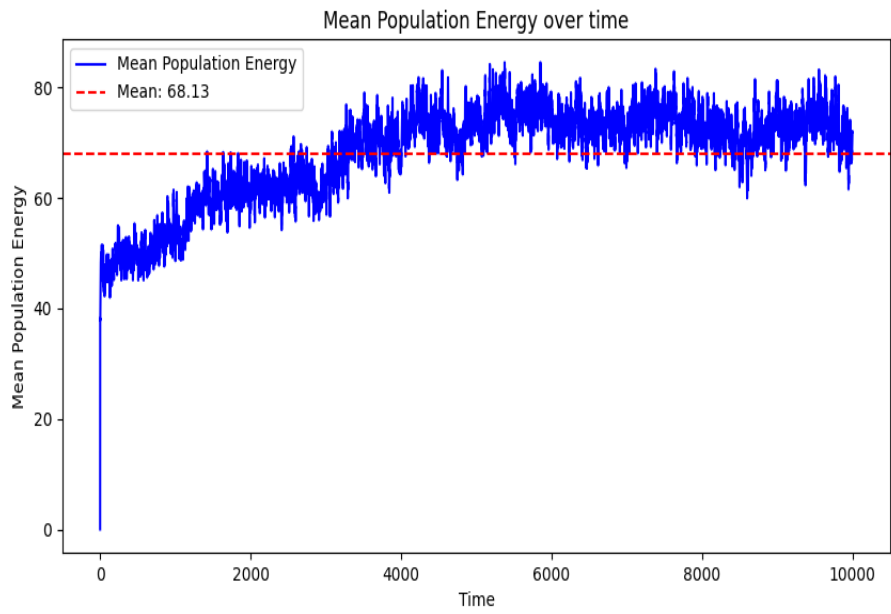Energy Requeste : 0.5
Mutation Rate : 0.1

Population over time

Mean : 139.75112488751125
Variance : 207.9807569088107
Min : 98
Max : 182

Cell over time
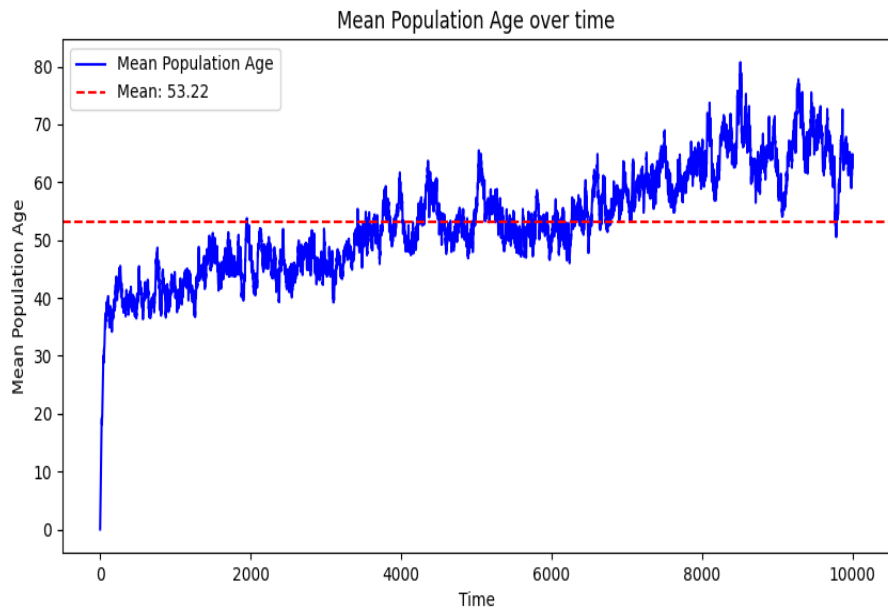

Birth over time

Mean : 2.036696330366963
Variance : 2.3463186128142506
Min : 0
Max : 10

Death over time

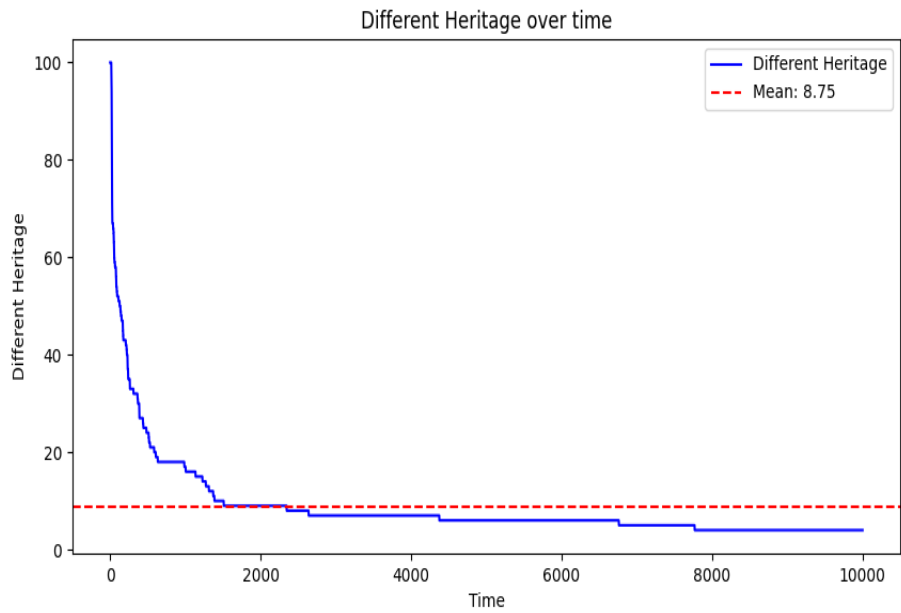Mean : 2.0357964203579644
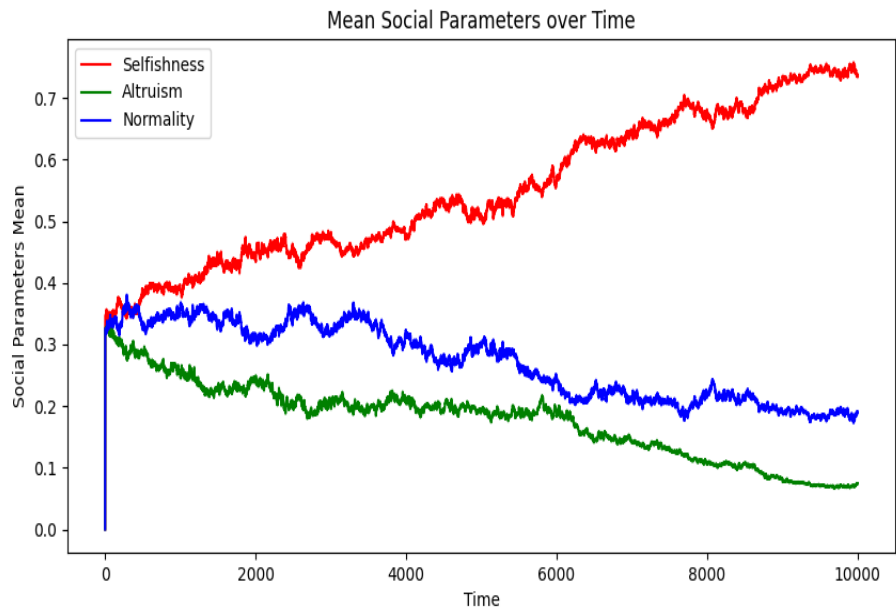Variance : 2.223096178533331
Min : 0
Max : 11

Mean Population Energy over time

Mean : 68.13037106858013
Variance : 74.42054144138658

Mean Population Age over time

Mean : 53.2185438364729
Variance : 84.94842429907965

Mean World Energy over time

Mean Social Parameters over Time

Different Heritage over time
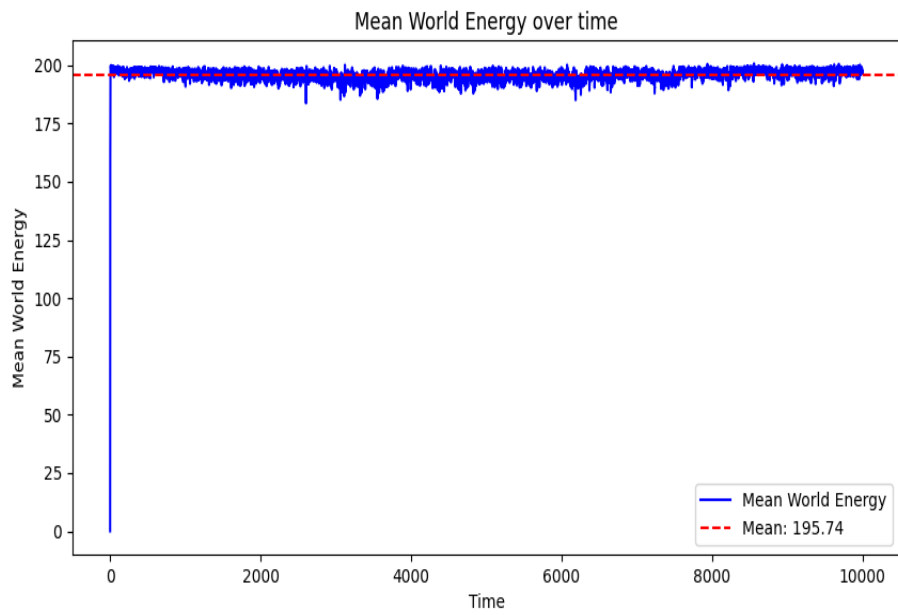
Author : Francesco Bredariol
Year : 2024/2025
This Project is done for the academic purpose of implementing the practical part of the Degree Thesis in Artificial Intelligence and Data Analytics.