Test done 2025_02_23 at 14_55_02

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
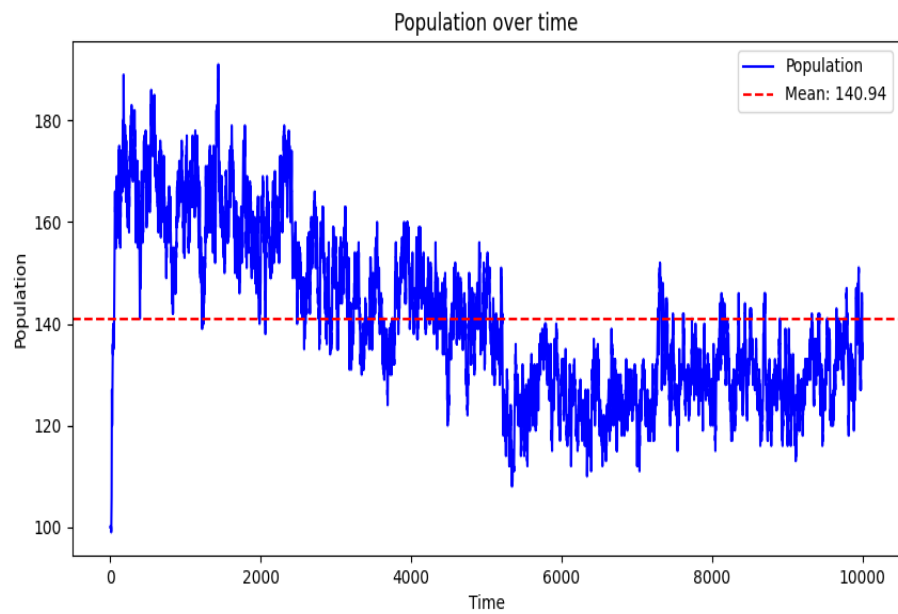Move : 1
Eat : 1
Rest : 0
Reproduce : 5
Radius : 4
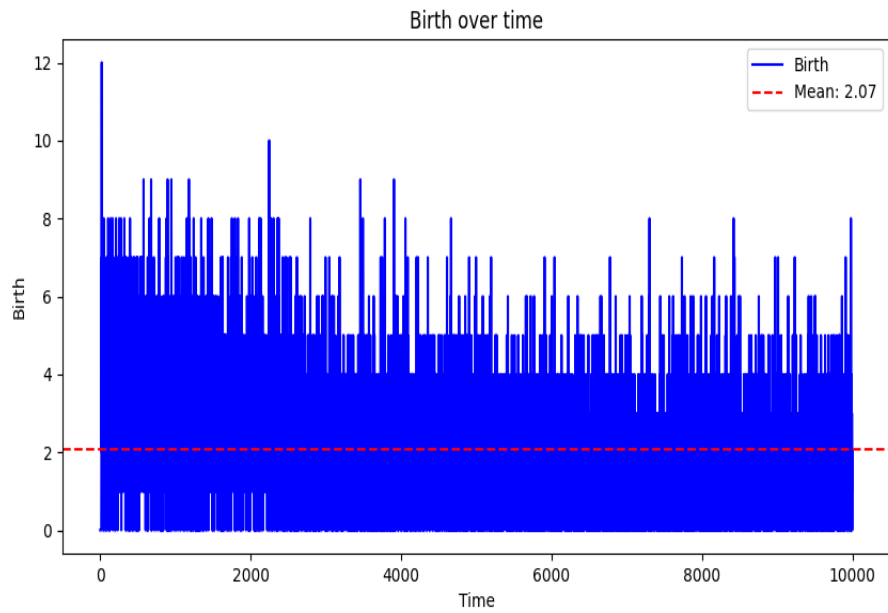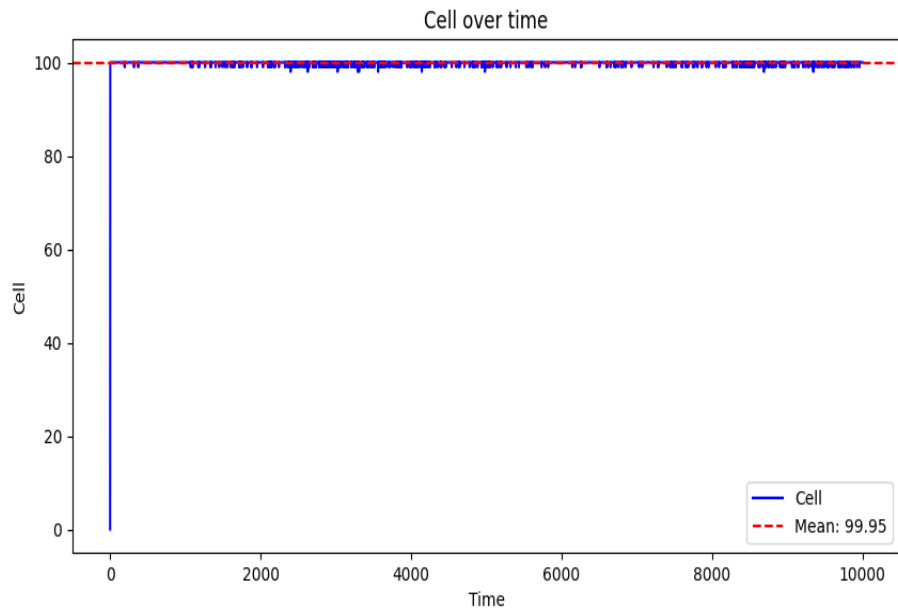Maturity : 0.18
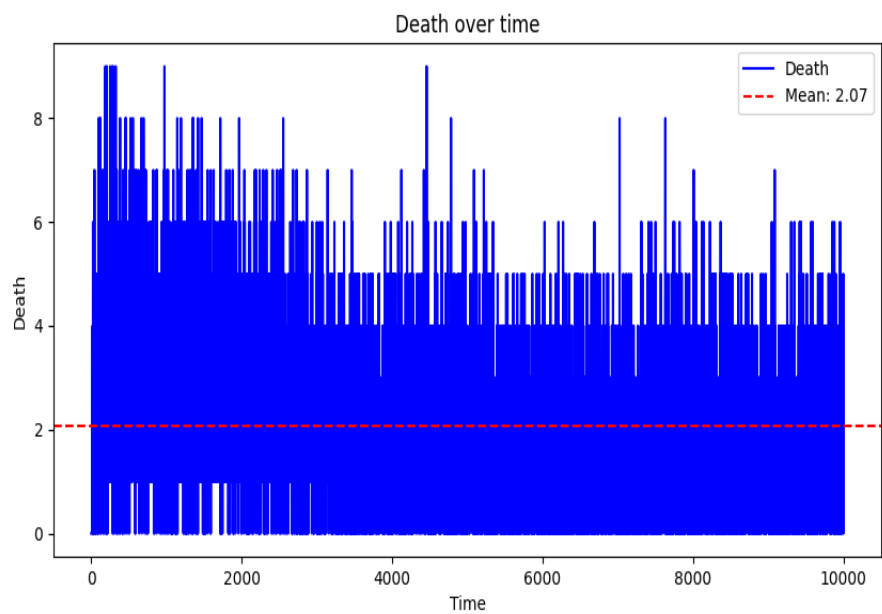Energy Needed : 0.6
Extra Energy : 0.2
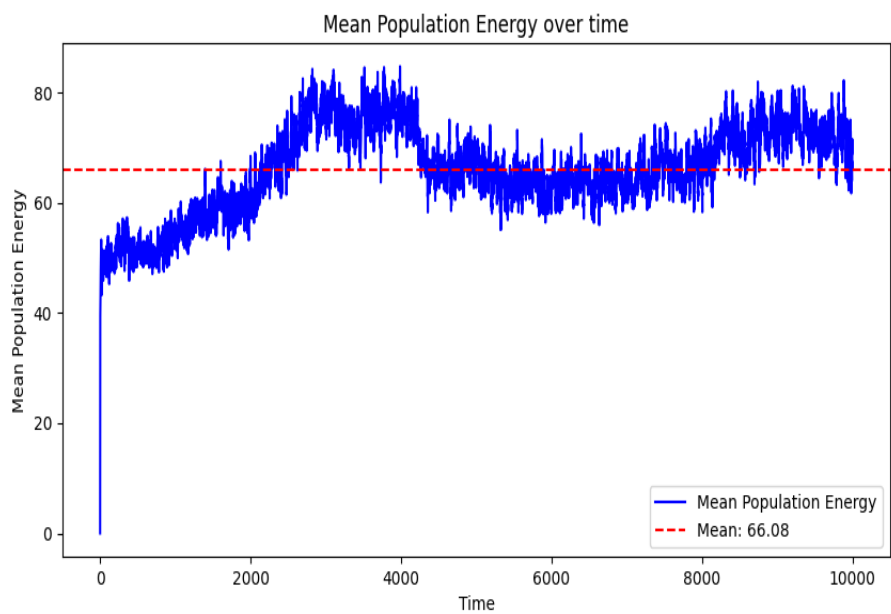Energy Requeste : 0.5
Mutation Rate : 0.1

Population over time

Mean : 140.94220577942207
Variance : 267.16774271977863
Min : 99
Max : 191

Cell over time
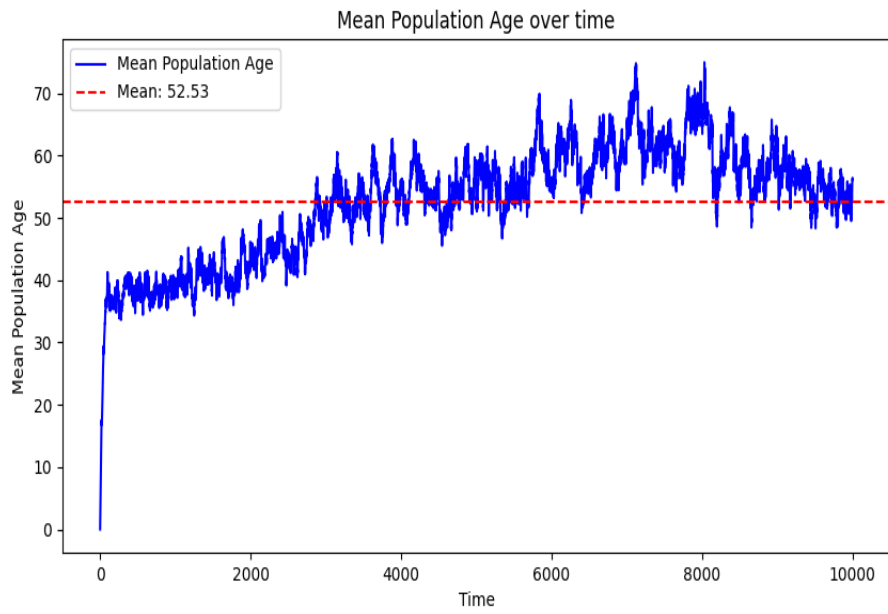
Birth over time

Mean : 2.073392660733927
Variance : 2.465366442057924
Min : 0
Max : 12

Death over time

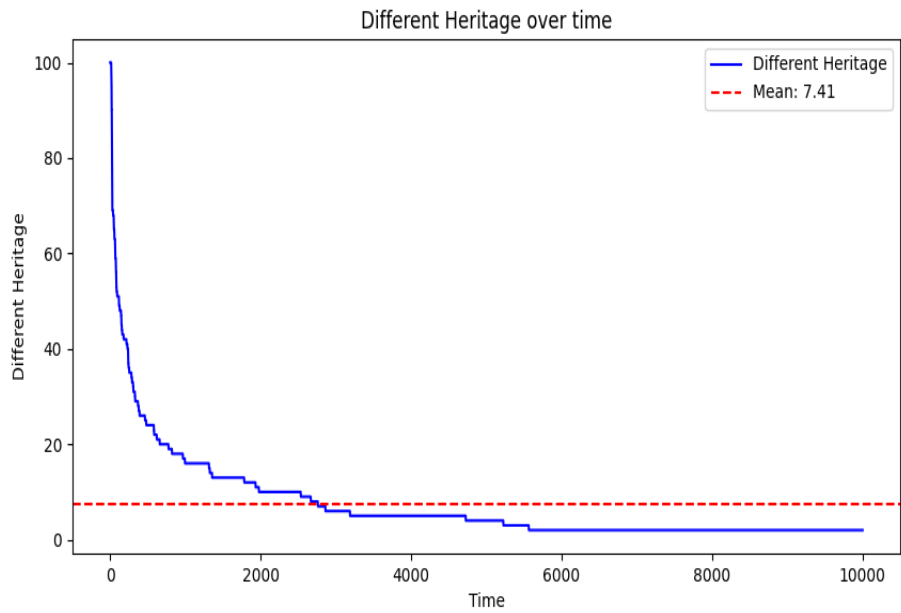Mean : 2.0697930206979303
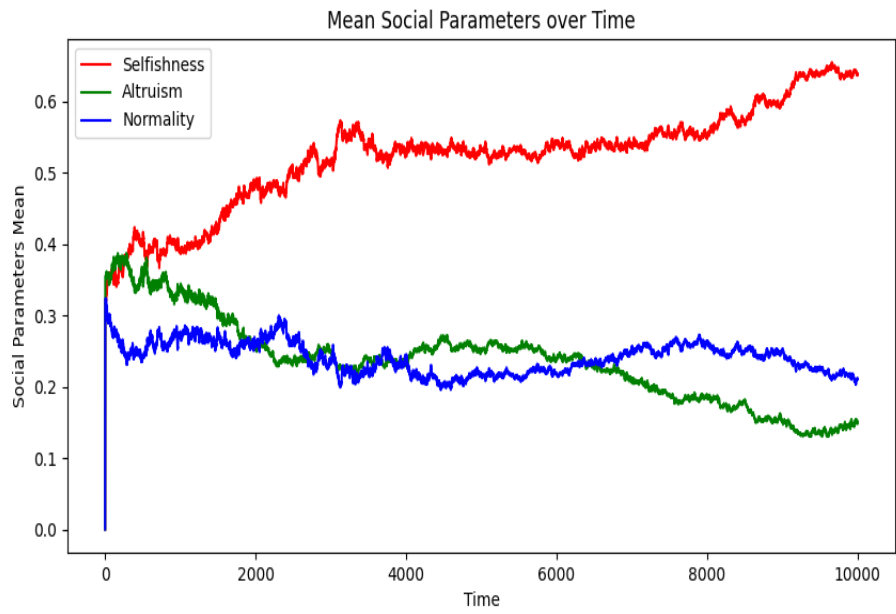Variance : 2.3156968774675377
Min : 0
Max : 9

Mean Population Energy over time

Mean : 66.0763320464726
Variance : 62.441622703754845

Mean Population Age over time

Mean : 52.52548360350439
Variance : 80.32287125258651

Mean World Energy over time

Mean Social Parameters over Time

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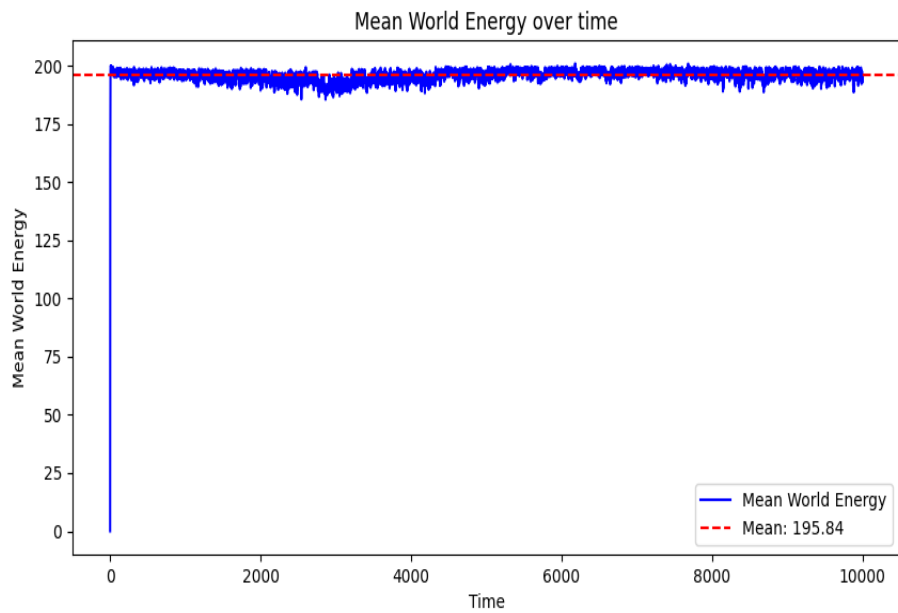
Author : Francesco Bredariol
Year : 2024/2025
This Project is done for the academic purpose of implementing the practical part of the Degree Thesis in Artificial Intelligence and Data Analytics.