Test done 2025_02_24 at 09_57_21

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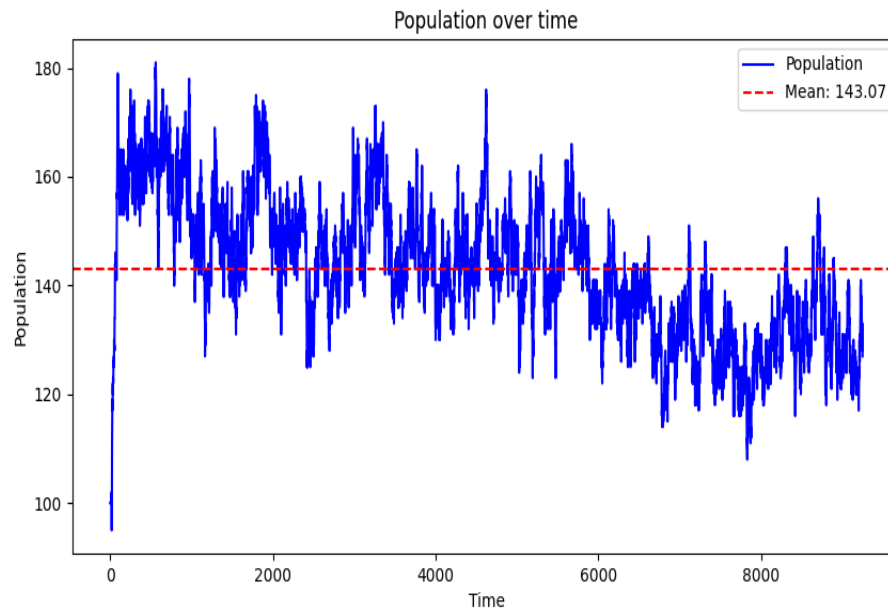Move : 1
Eat : 1
Rest : 0
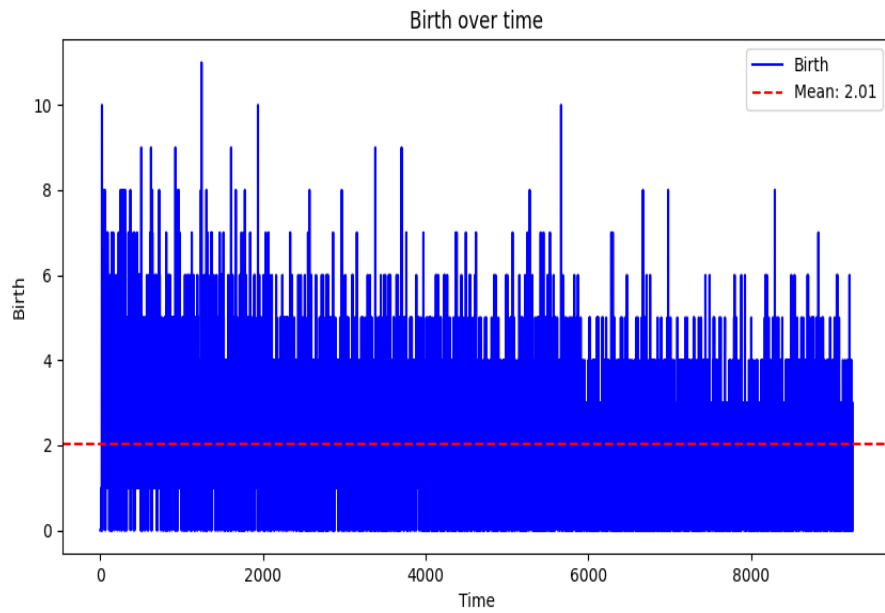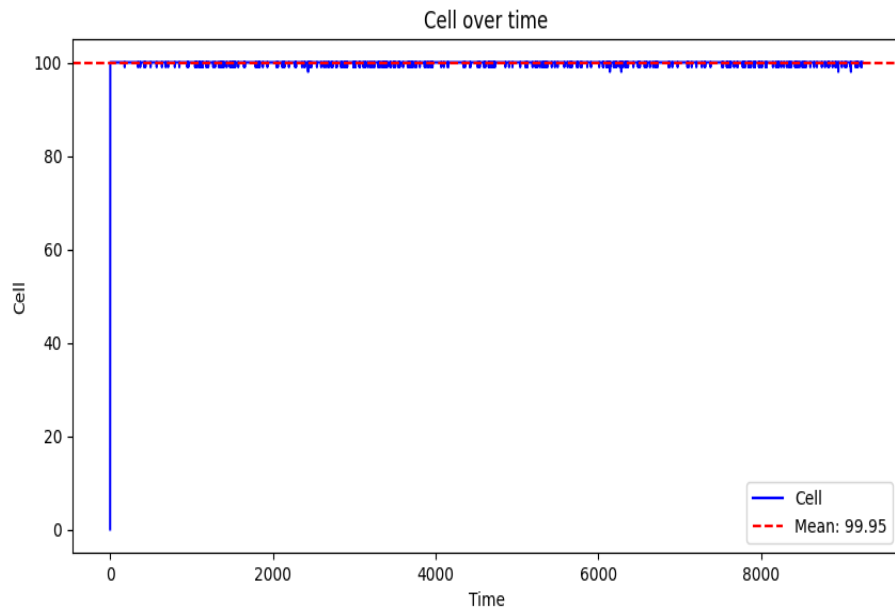Reproduce : 5
Radius : 4
Maturity : 0.18
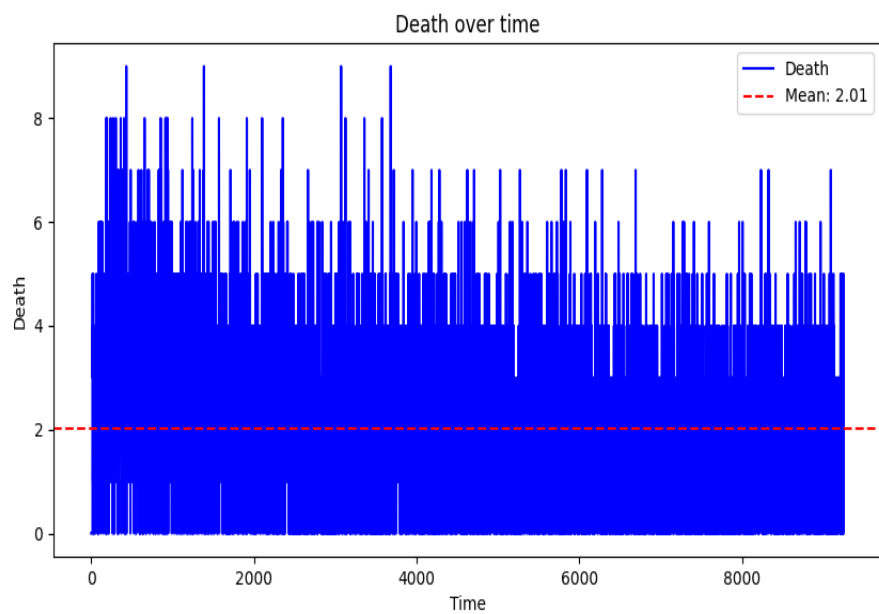Energy Needed : 0.6
Extra Energy : 0.2
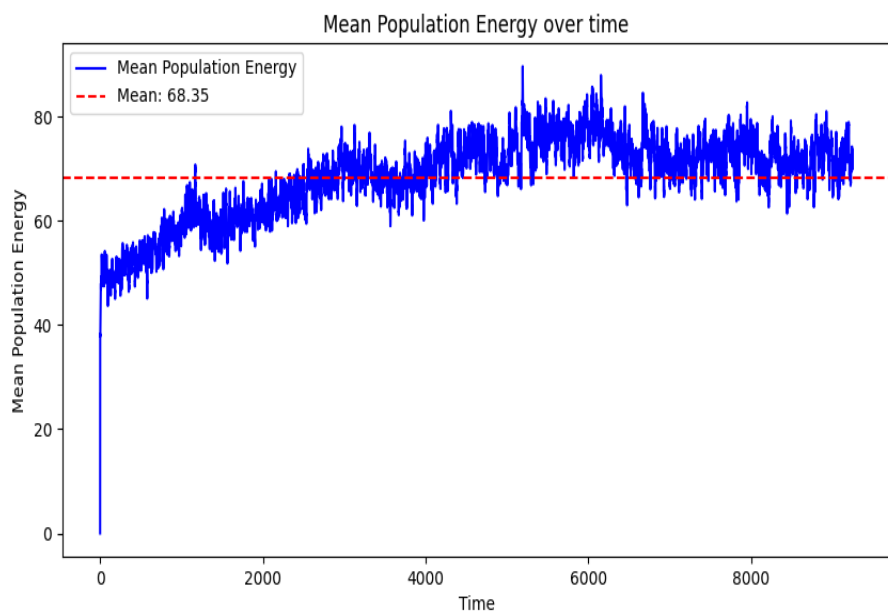Energy Requeste : 0.5
Mutation Rate : 0.1

Population over time

Mean : 143.06619794483504
Variance : 168.92974438699417
Min : 95
Max : 181

Cell over time
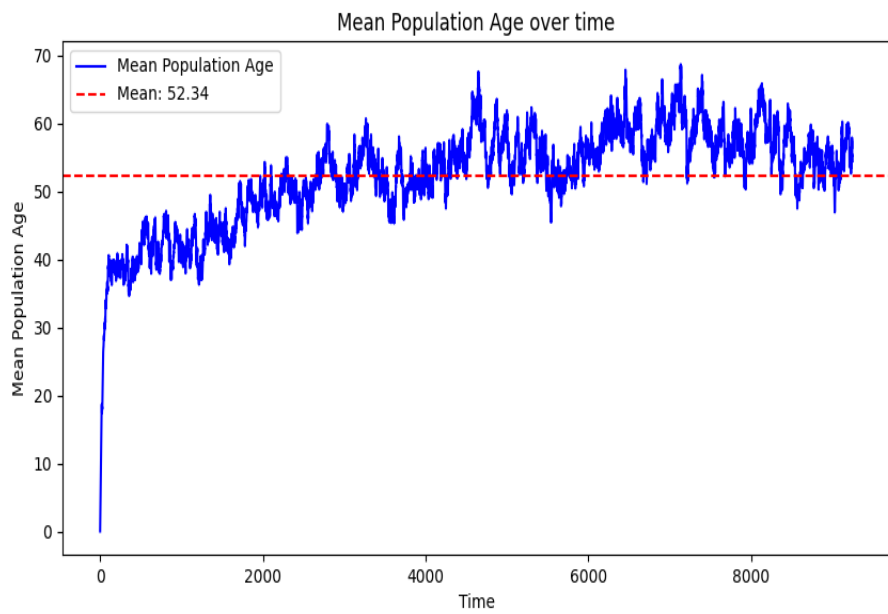

Birth over time

Mean : 2.013845321795565
Variance : 2.240587106415378
Min : 0
Max : 11

Death over time

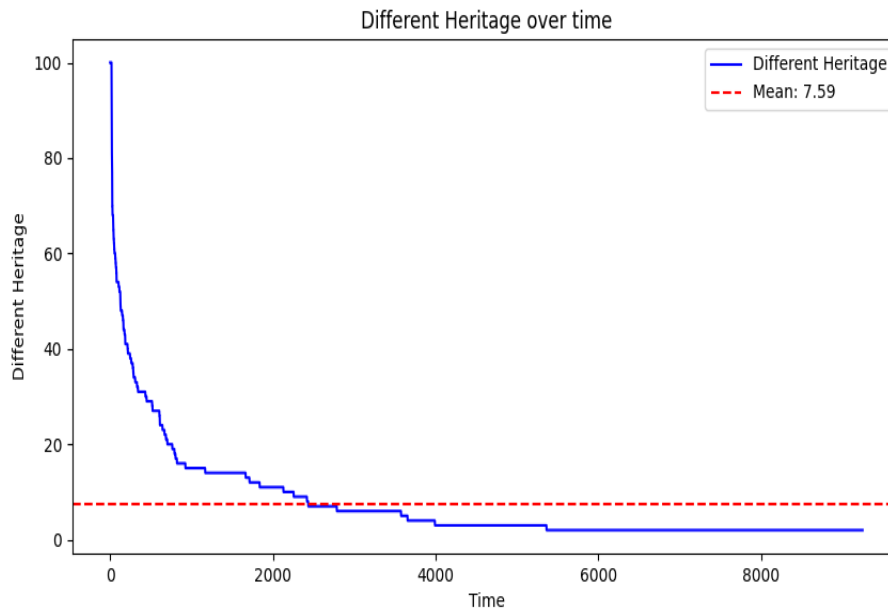Mean : 2.010924824229313
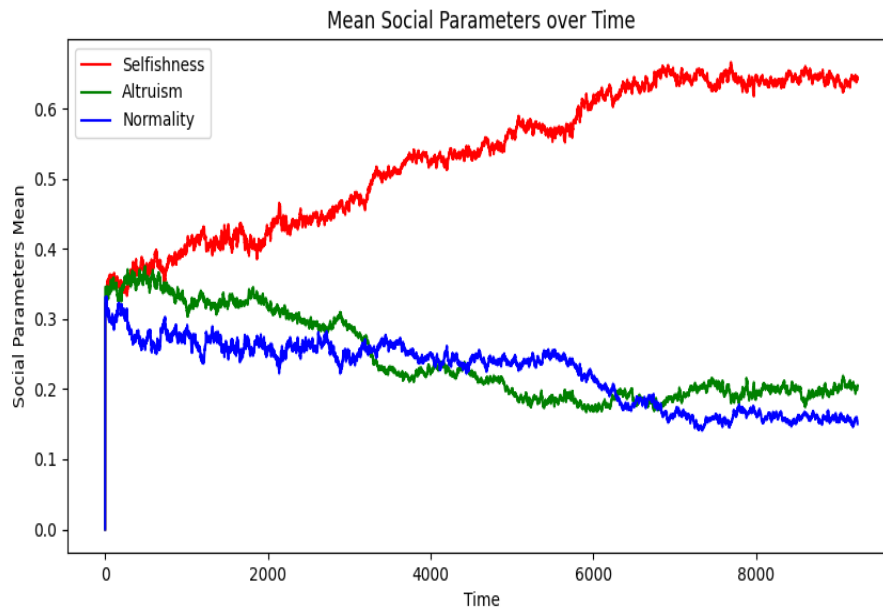Variance : 2.151854688237192
Min : 0
Max : 9

Mean Population Energy over time

Mean : 68.3529514891797
Variance : 60.084331337684674

Mean Population Age over time

Mean : 52.343462644159594
Variance : 51.52649821710394

Mean World Energy over time

Mean Social Parameters over Time

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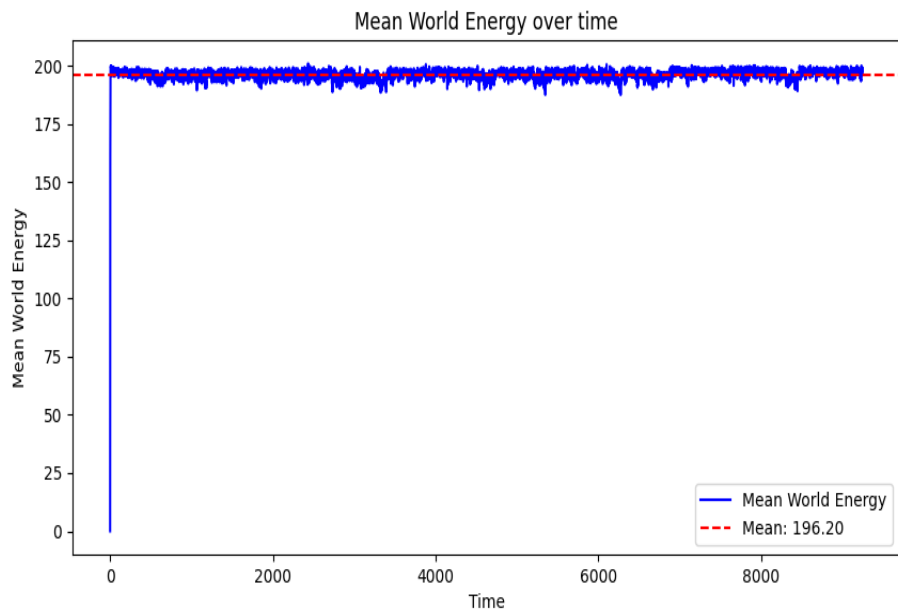
Author : Francesco Bredariol
Year : 2024/2025
This Project is done for the academic purpose of implementing the practical part of the Degree Thesis in Artificial Intelligence and Data Analytics.