

Test done 2025\_02\_24 at 10\_37\_42

Initial condition

Size : 40

I\_Energy : 100

I\_Age : 100

I\_Distr : Uniform

Active : 100

C\_Min : 10

C\_Max : 250

C\_Regen : 50

C\_Distr : Uniform no regen

Height : 50

Width : 50

P\_Distr : Uniform

Move : 1

Eat : 1

Rest : 0

Reproduce : 3

Radius : 4

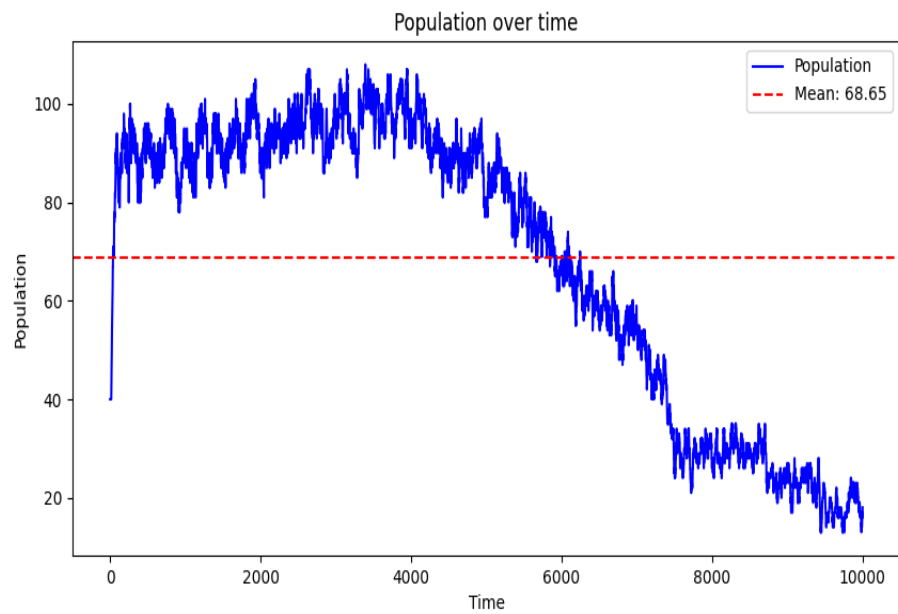
Maturity : 0.18

Energy Needed : 0.6

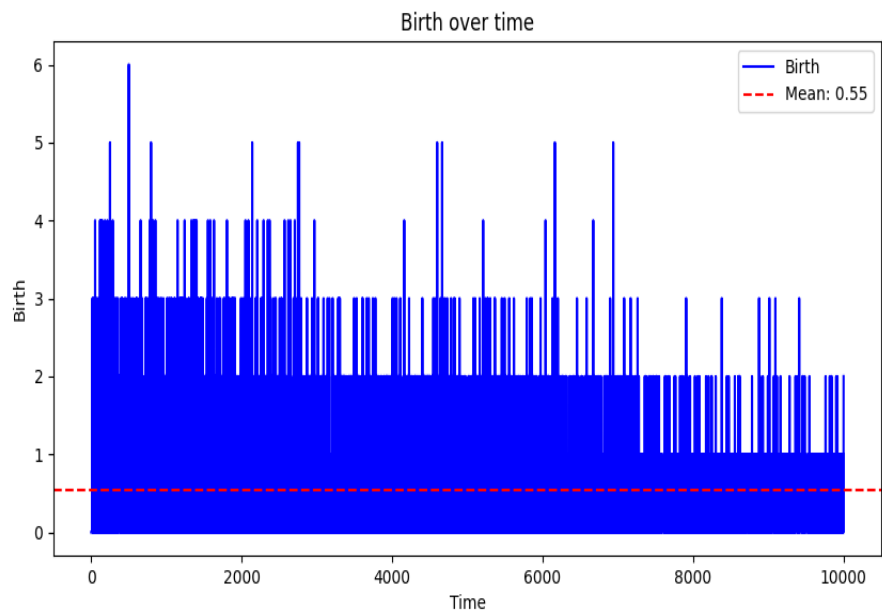
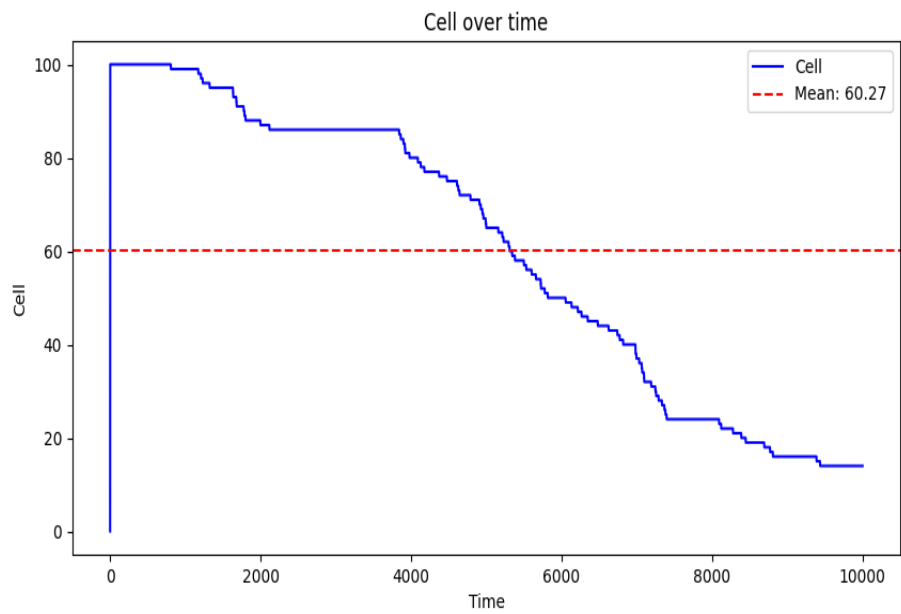
Extra Energy : 0.2

Energy Requeste : 0.5

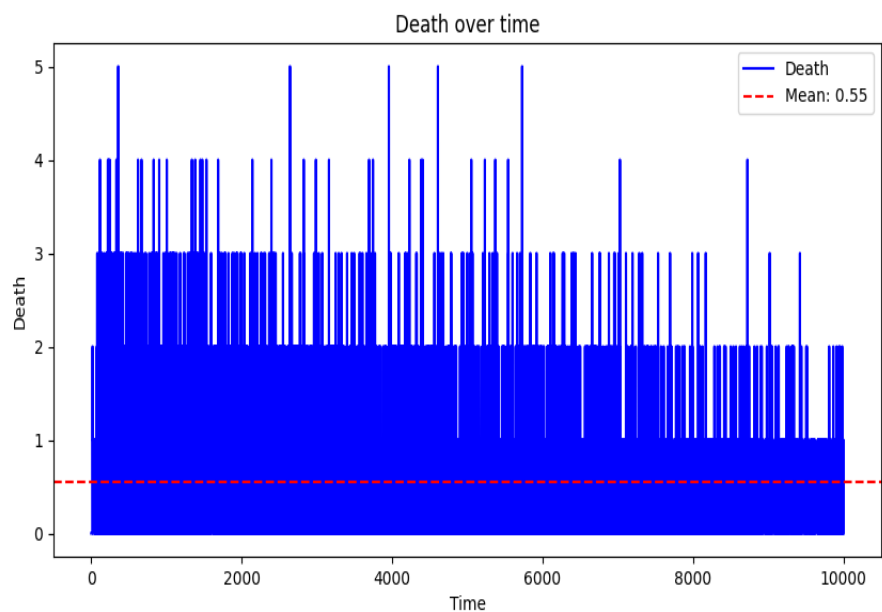
Mutation Rate : 0.1



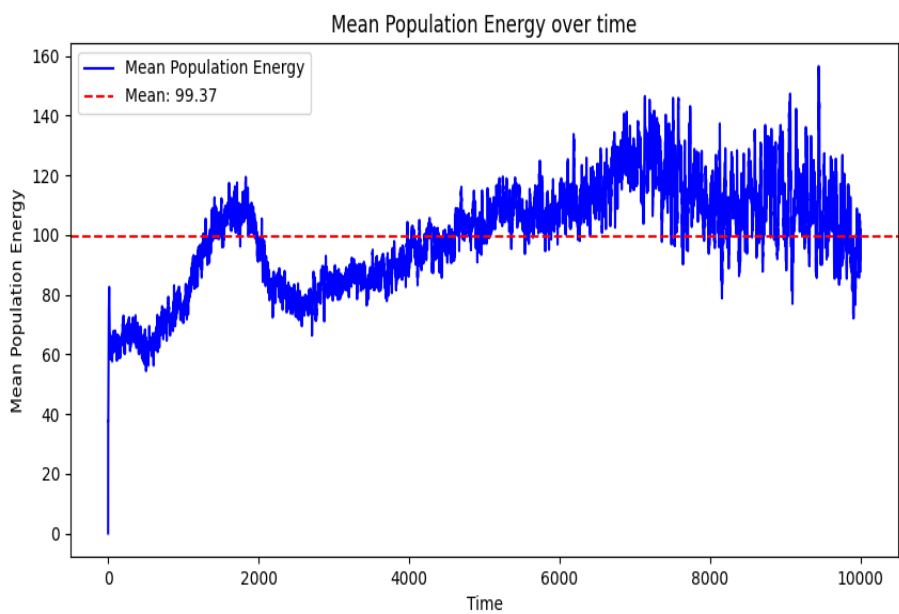
Mean : 68.64653534646536  
Variance : 852.412309014074  
Min : 13  
Max : 108



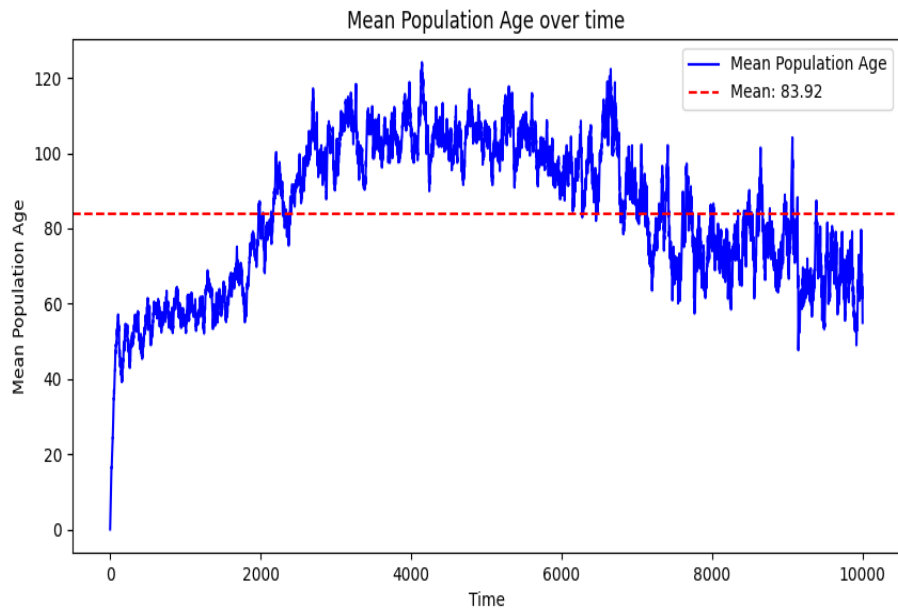
Mean : 0.5478452154784521  
Variance : 0.619273679071449  
Min : 0  
Max : 6



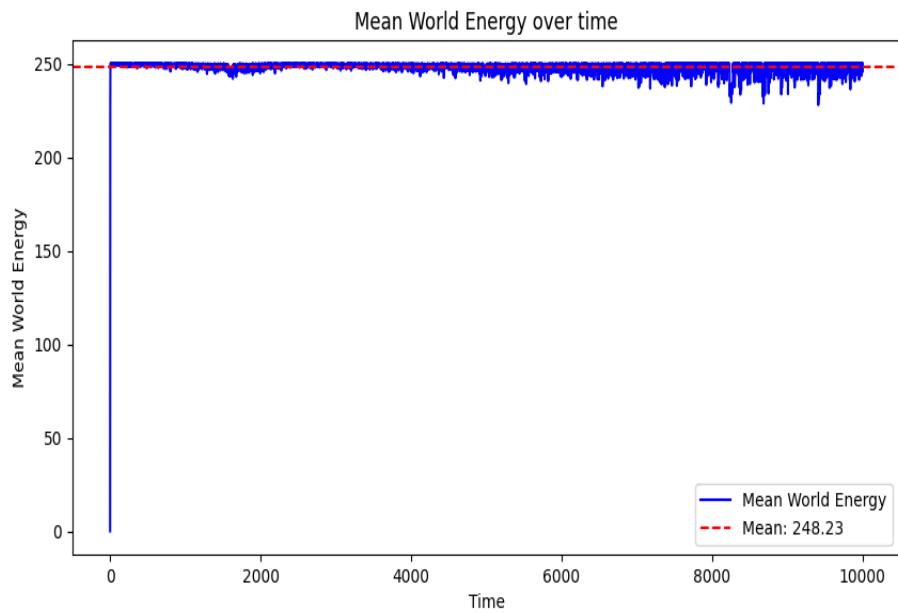
Mean : 0.5500449955004499  
 Variance : 0.5992603219430083  
 Min : 0  
 Max : 5

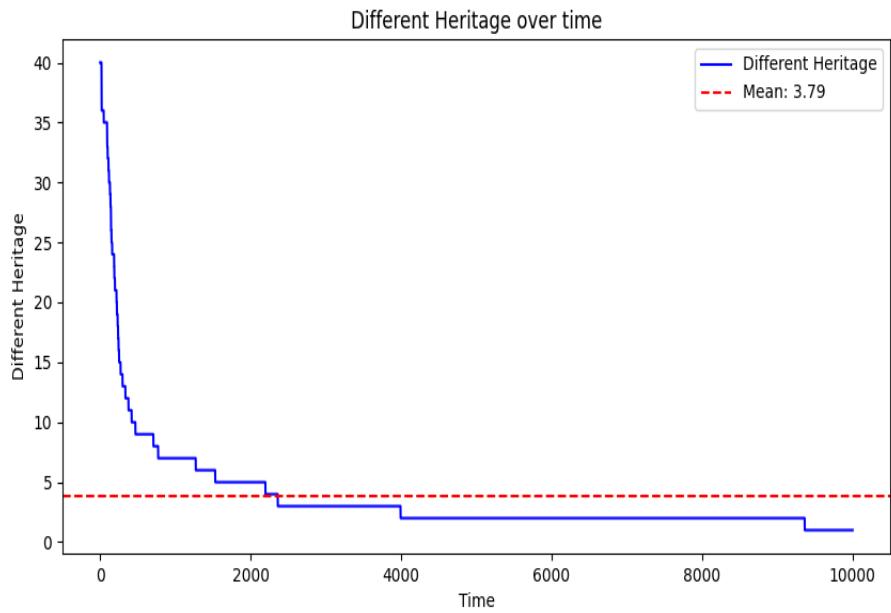
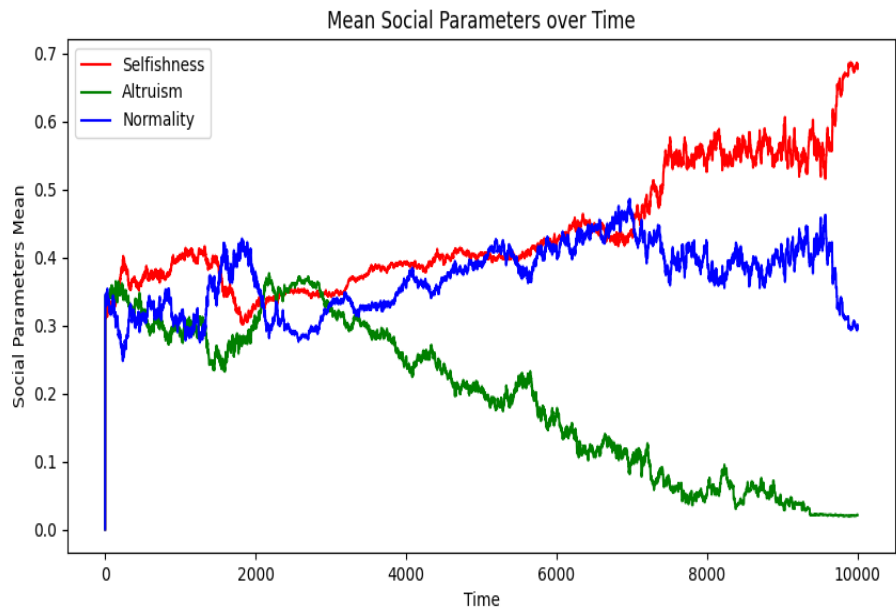


Mean : 99.37436600455995  
 Variance : 317.18108083481303



Mean : 83.92100254418914  
Variance : 379.6084248317085





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.