Test done 2025_02_23 at 13_07_53

Initial condition
Size : 100
I_Energy : 150
I_Age : 150
I_Distr : Uniform
Active : 40
C_Min : 25
C_Max : 150
C_Regen : 10
C_Distr : 4 Islands
Height : 60
Width : 60
P_Distr : Uniform
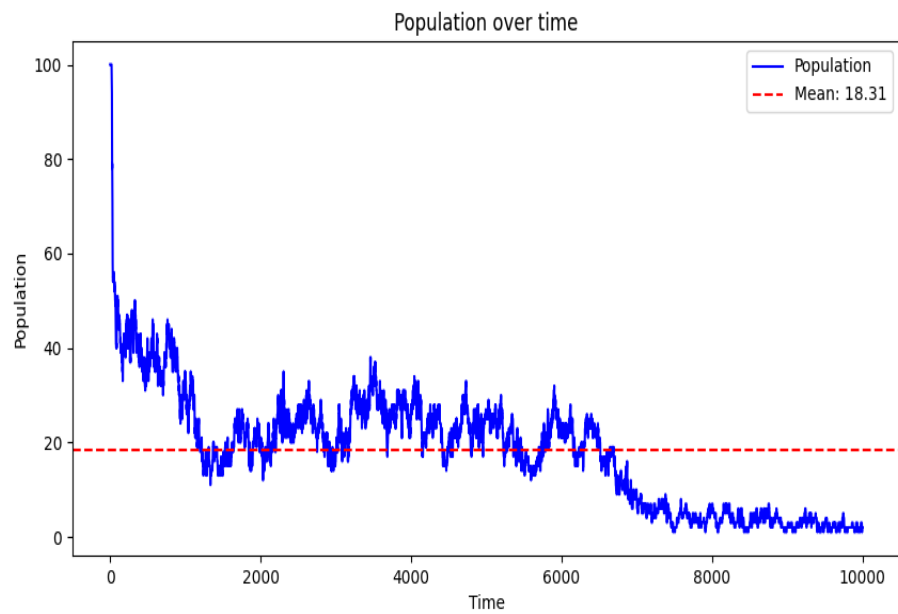Move : 1
Eat : 2
Rest : 0
Reproduce : 15
Radius : 4
Maturity : 0.18
Energy Needed : 0.6
Extra Energy : 0.2
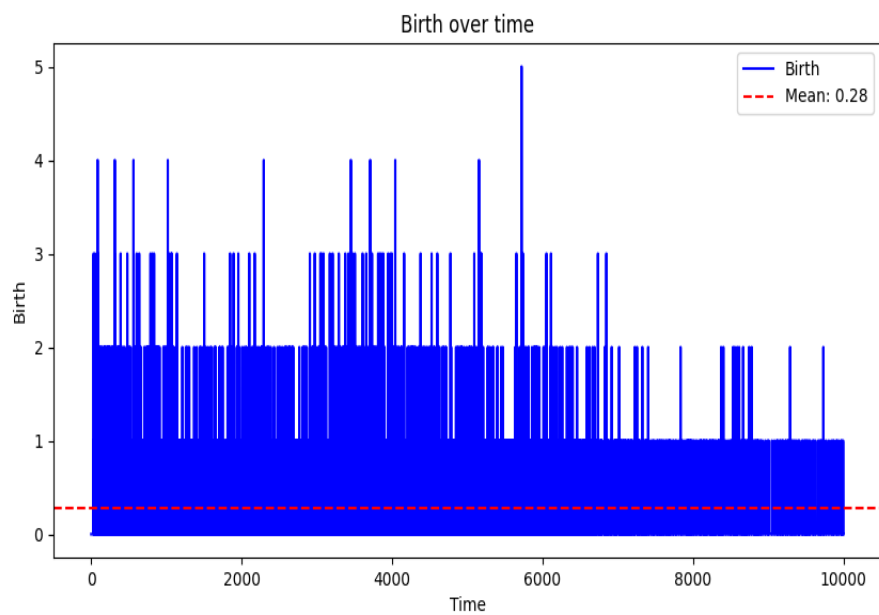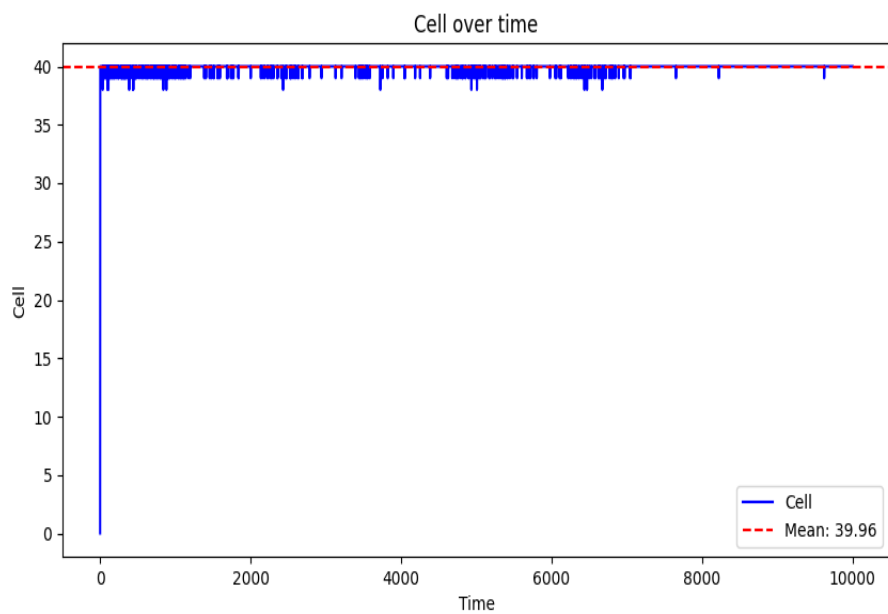Energy Requeste : 0.5
Mutation Rate : 0.1

Population over time

Mean : 18.30766923307669
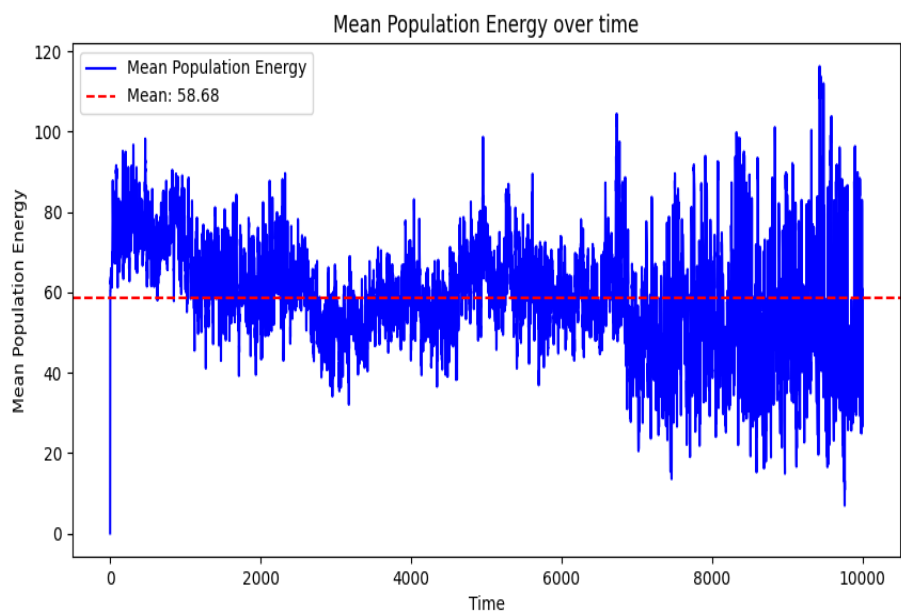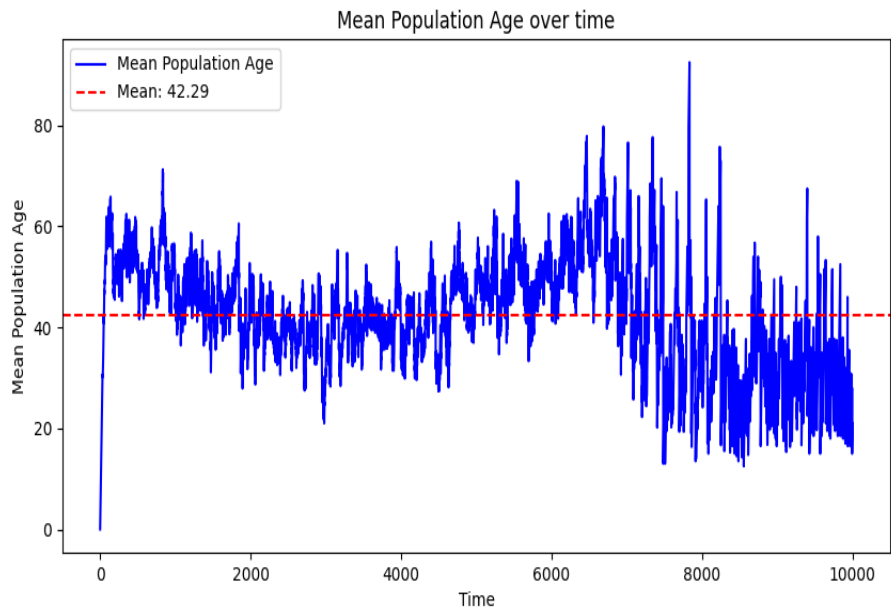Variance : 154.56797337964431
Min : 1
Max : 100

Cell over time

Birth over time

Mean : 0.28057194280571945
Variance : 0.32183932891582356
Min : 0
Max : 5

Death over time
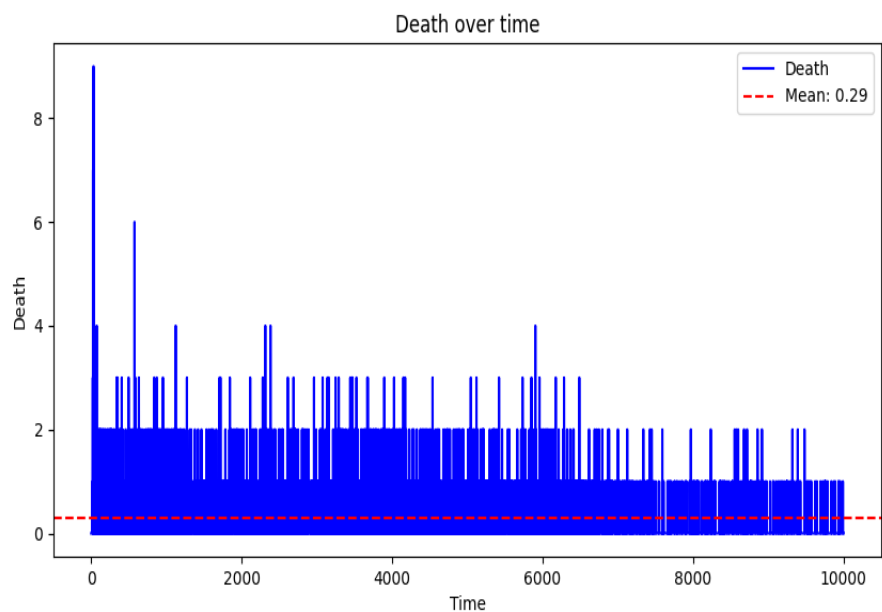
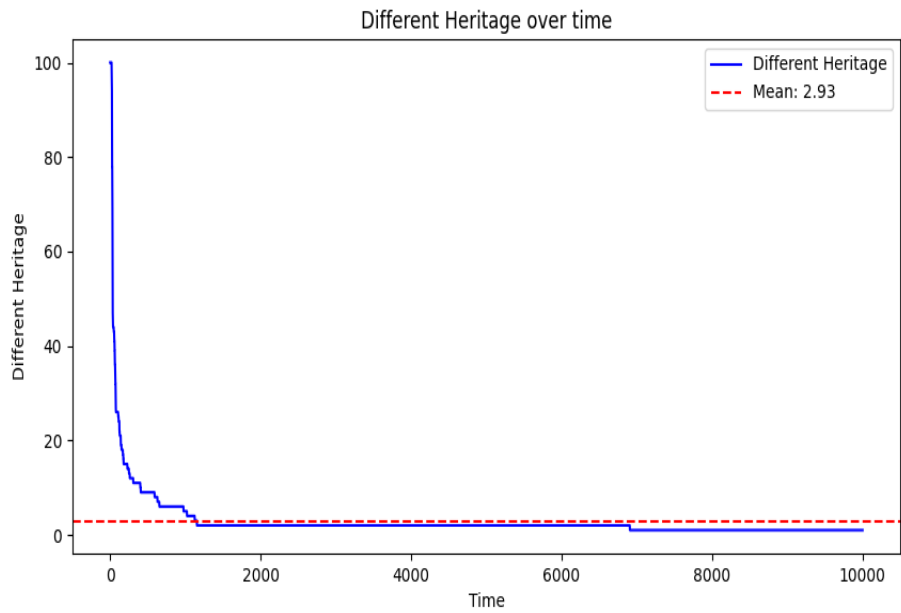Mean : 0.2903709629037096
Variance : 0.3424420281699457
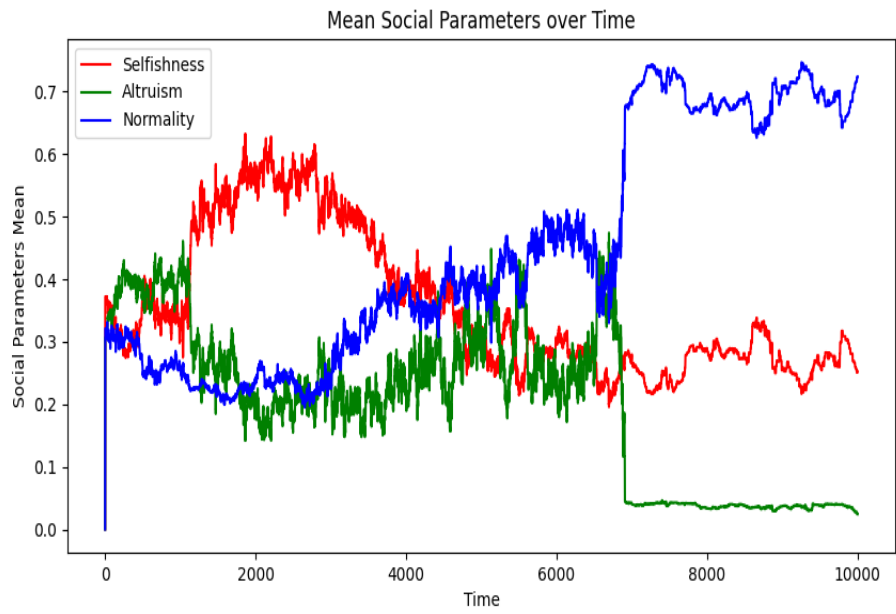Min : 0
Max : 9

Mean Population Energy over time

Mean : 58.68092795342832
Variance : 200.6333976021319

Mean Population Age over time

Mean : 42.28730057234954
Variance : 124.40364487016294

Mean World Energy over time

Mean Social Parameters over Time

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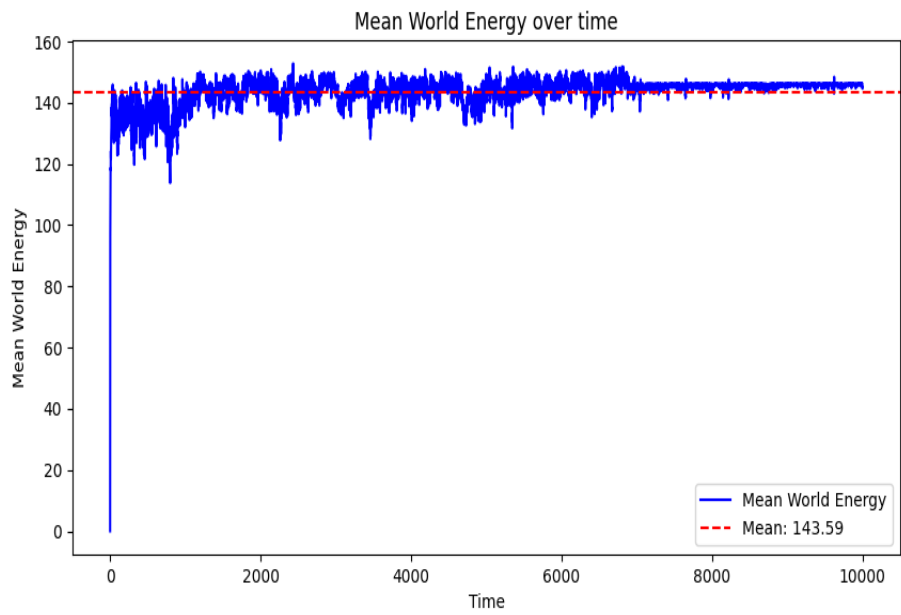
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Year : 2024/2025
This Project is done for the academic purpose of implementing the practical part of the Degree Thesis in Artificial Intelligence and Data Analytics.