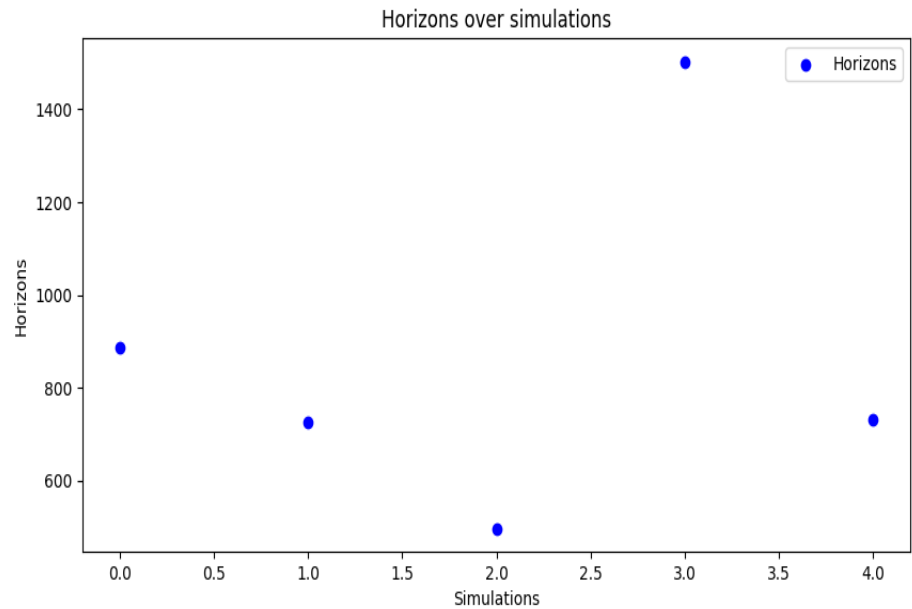


Test done 2025\_06\_26 at 10\_23\_44

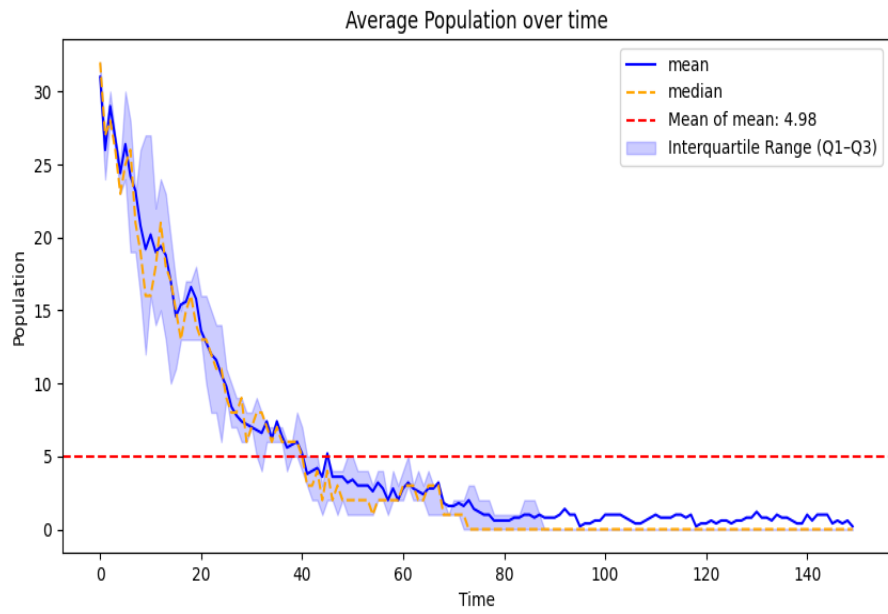
Number of simulation done : 5. The window time of the simulation is 10

Initial condition

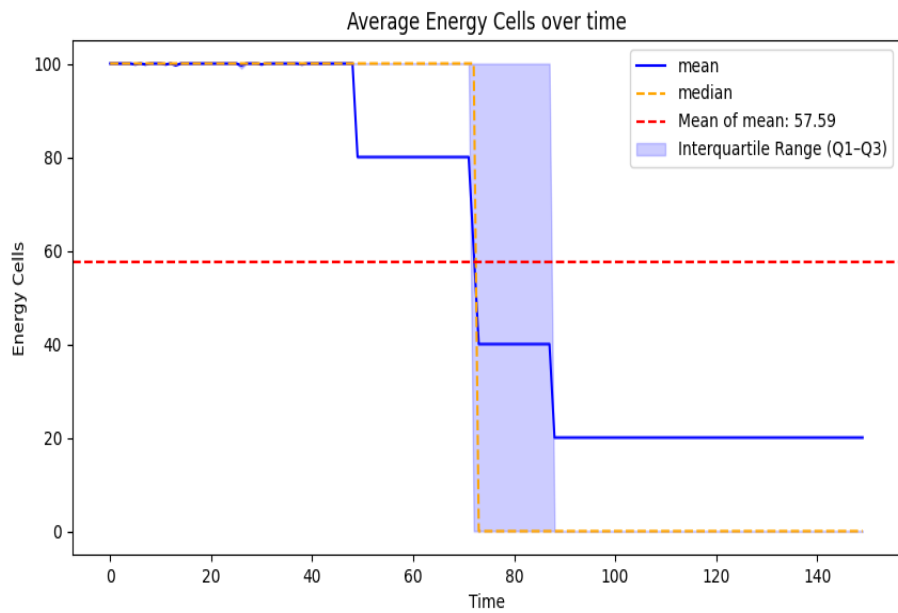
Size : 39  
I\_Energy : 120  
I\_Age : 100  
I\_Maturity : 20  
I\_Distr : Behaviors Corners  
Radius : 4  
Active : 100  
C\_Min : 15  
C\_Max : 150  
C\_Regen : 5  
C\_Distr : Uniform  
Height : 100  
Width : 100  
P\_Distr : Uniform  
Move : 1  
Eat : 2  
Rest : 0  
Reproduce : 5  
N\_Simulations : 5  
Seed : 100  
Energy Needed : 0.6  
Extra Energy : 0.2  
Energy Requeste : 0.5  
Mutation Rate : 0.1



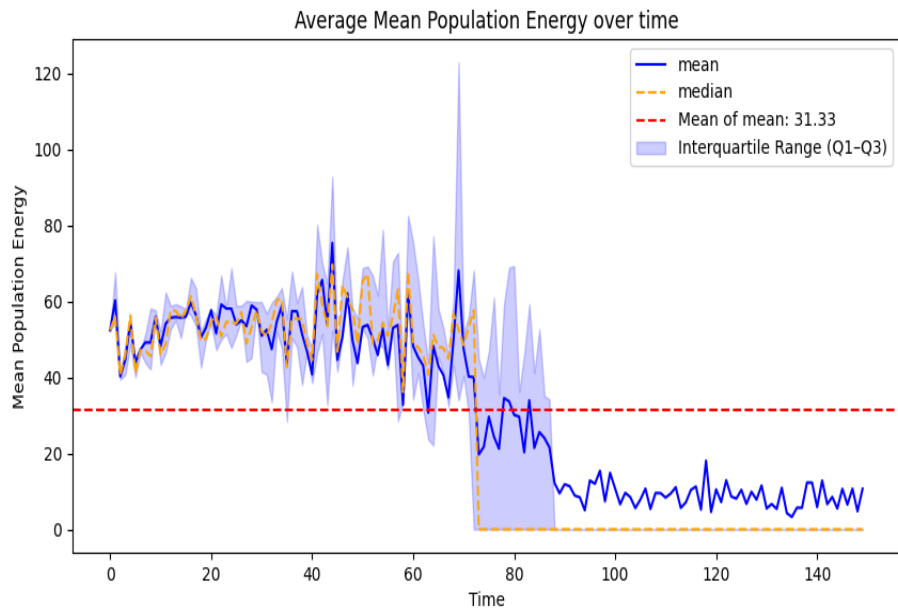
Mean : 869.4  
Variance : 115833.04



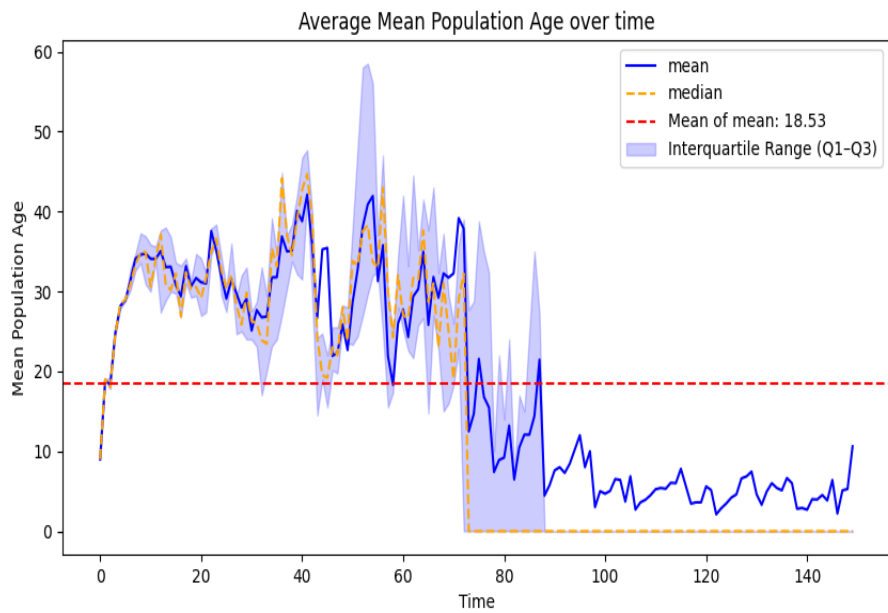
Mean : 4.982666666666667  
Variance : 50.48476622222222



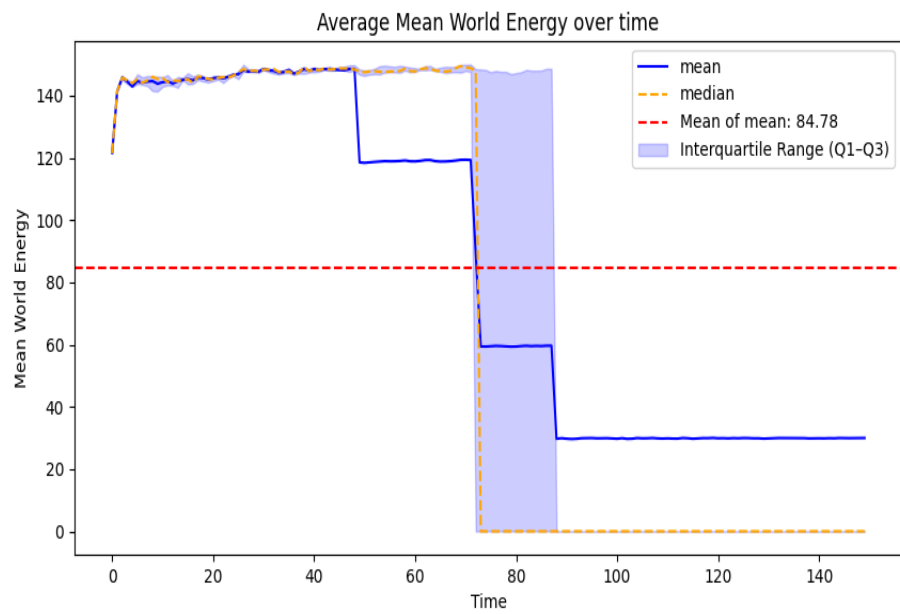
Mean : 57.58800000000001  
Variance : 1278.5590559999996



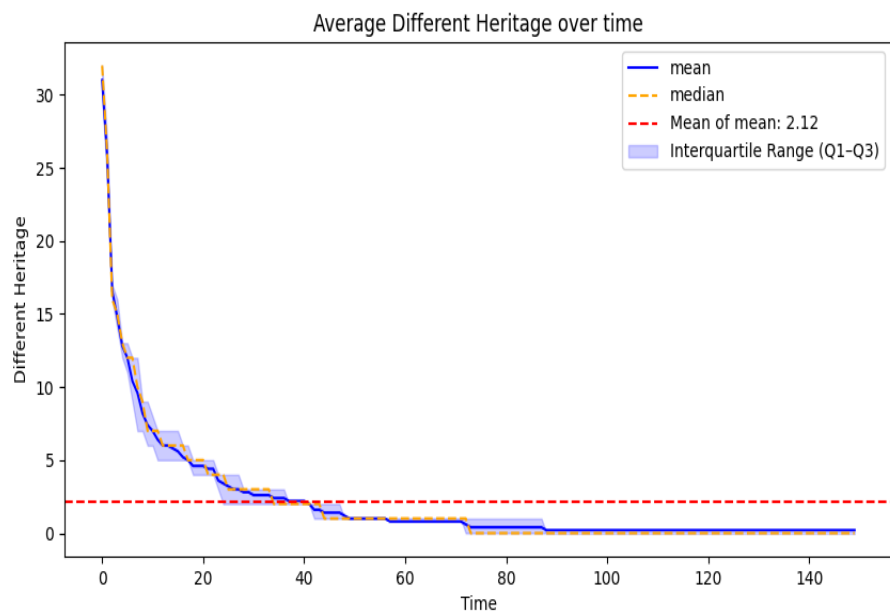
Mean : 31.32585965592271  
Variance : 444.05322381360475



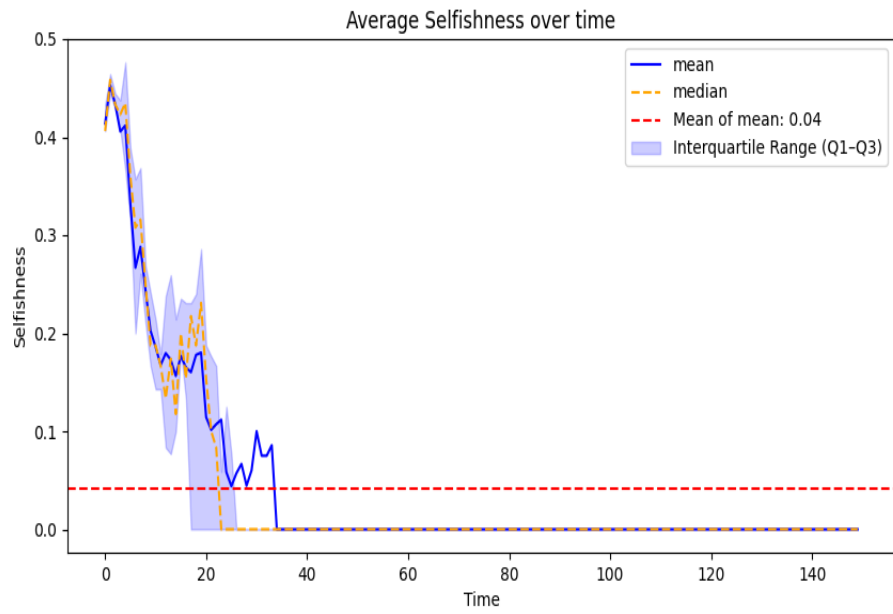
Mean : 18.525552440660178  
Variance : 167.94011500335063



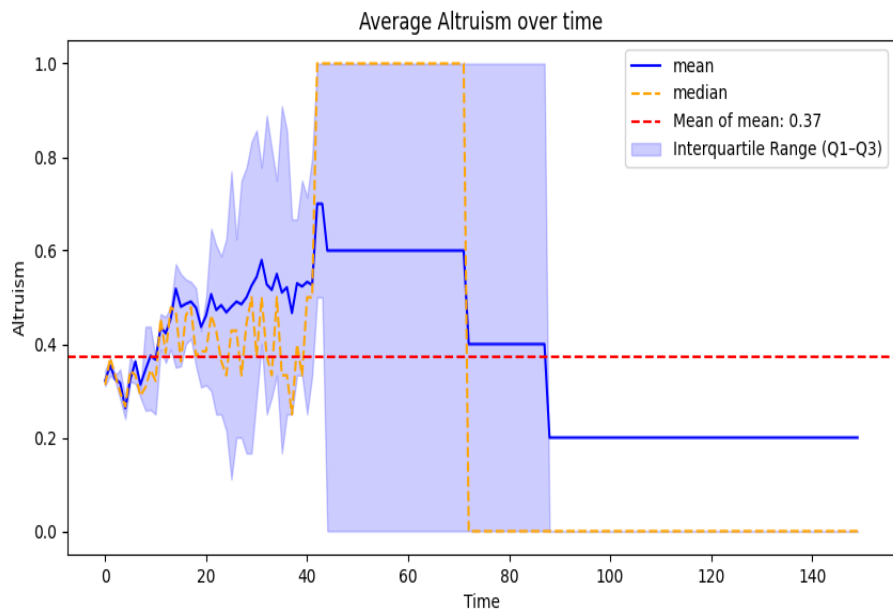
Mean : 84.78411759224923  
Variance : 2713.7401756928393



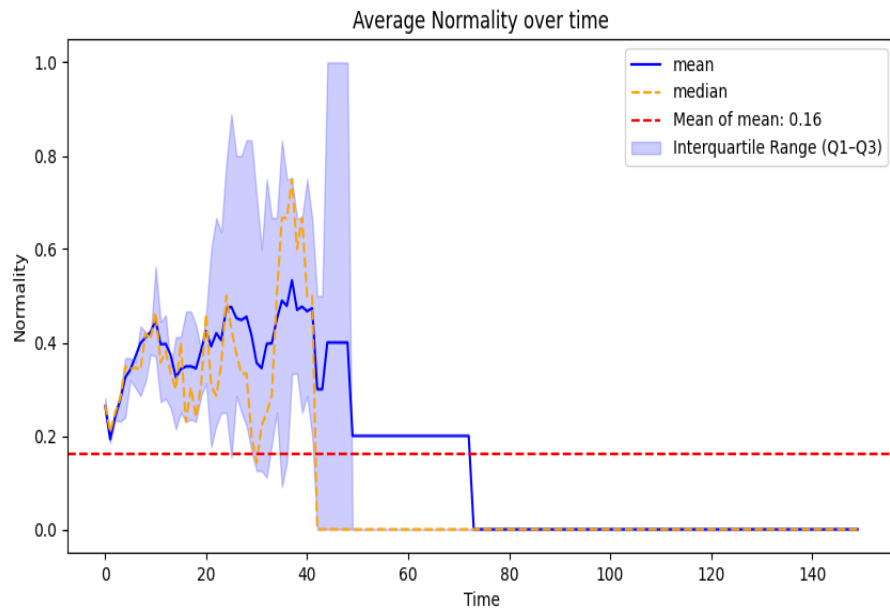
Mean : 2.1159999999999997  
Variance : 17.562277333333333



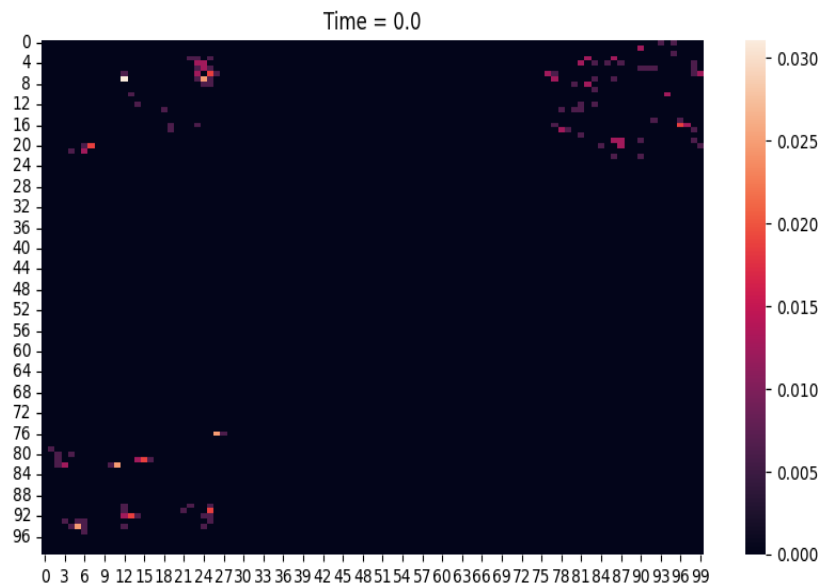
Mean : 0.04183386280650186  
Variance : 0.0092893757691493



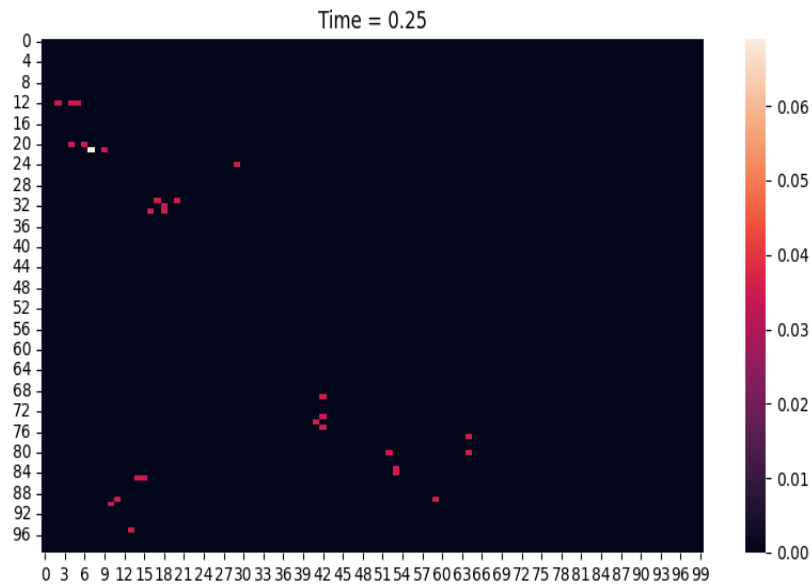
Mean : 0.3738351481477957  
Variance : 0.02710803568080659



Mean : 0.1603309890457024  
 Variance : 0.03264720611302156  
 Spatial Distribution Density Heatmap



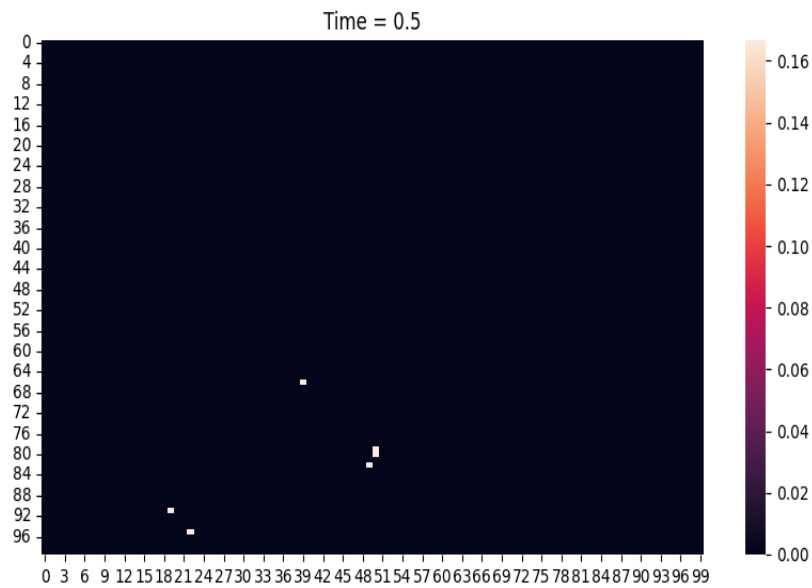
Author : Francesco Bredariol  
 Year : 2024/2025  
 This Project is done for the academic purpose of implementing the practical part of the Degree Thesis in Artificial Intelligence and Data Analytics.



Author : Francesco Bredariol

Year : 2024/2025

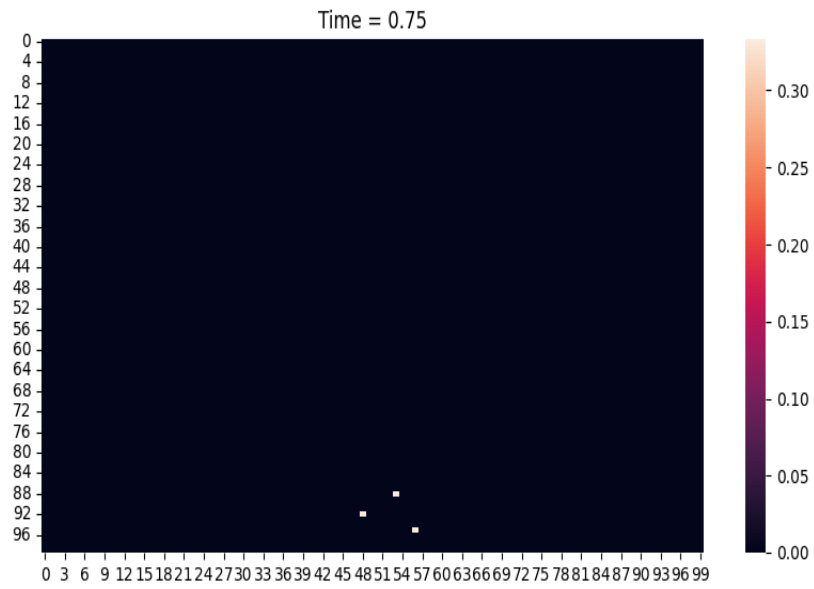
This Project is done for the academic purpose of implementing the practical part of the Degree Thesis in Artificial Intelligence and Data Analytics.



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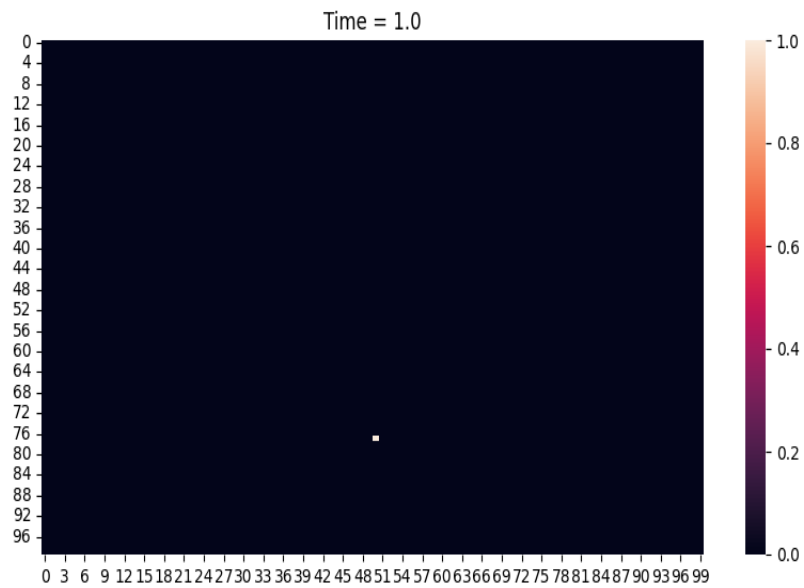
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