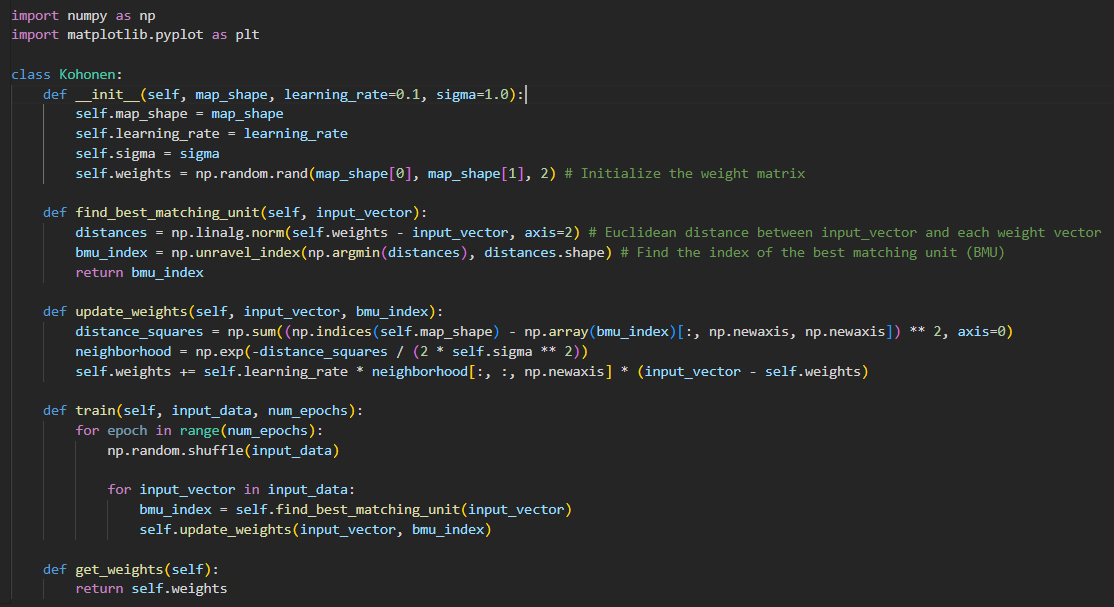
**Results analysis**

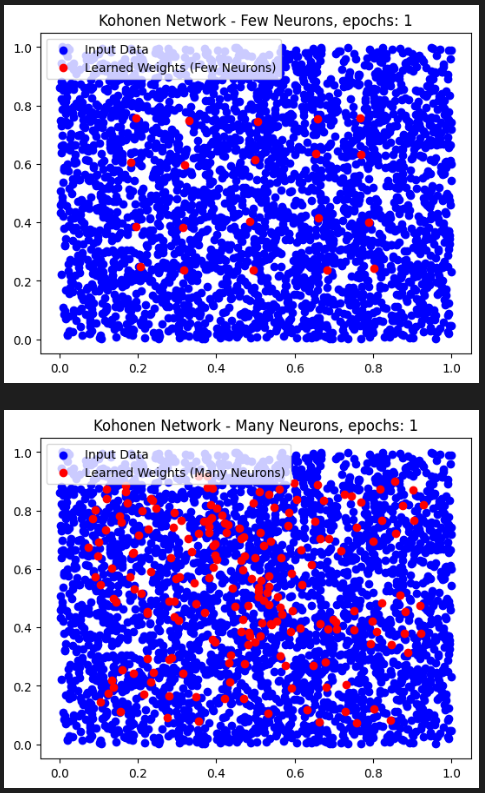
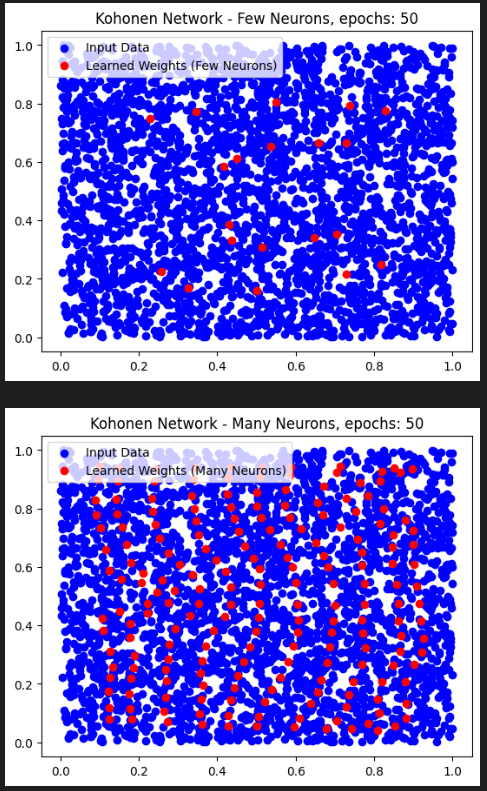
Hillel Ohayon 325300820

(תמלאי פה את השם שלך)

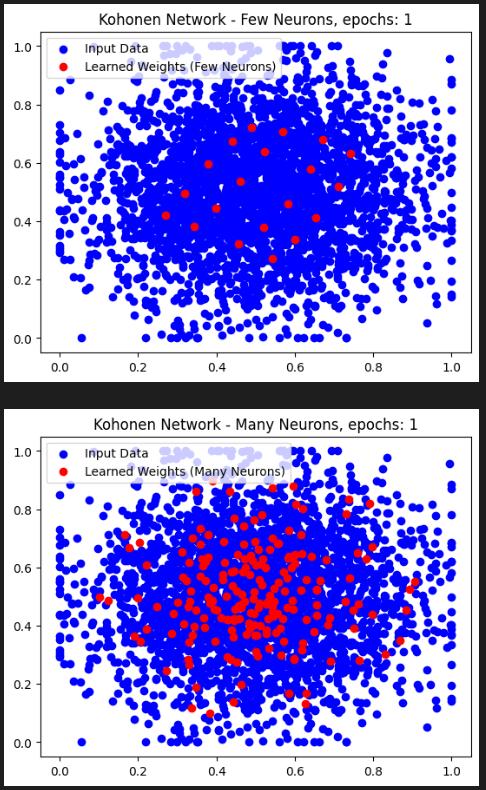
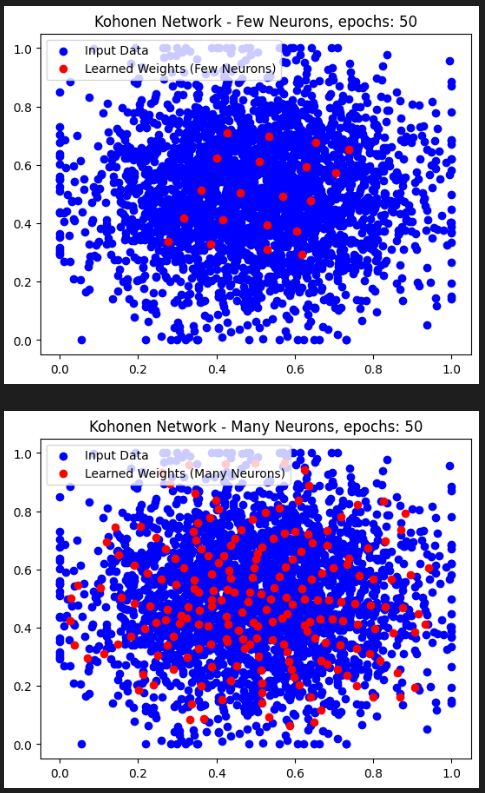
Part A:

1. {(x, y) | 0 <= x, y<=1}

* Uniform distribution:

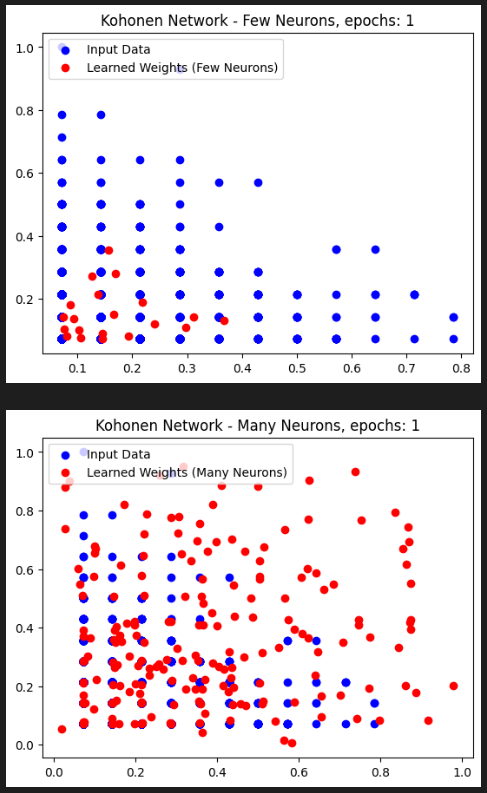
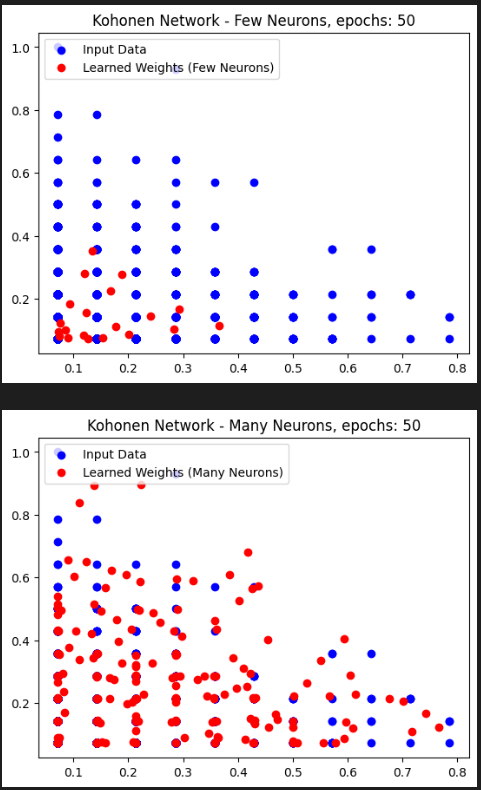


We can see here that the top of each figure represents 20 neurons and the bottom of it is 200 but the difference is in the number of epochs, and as the number of it grow up, the accuracy of the clusters is better, the neurons adapt themselves to the input data.

*  Normal distribution:

Here we have the results of the same but with Normal distribution and from those figures, we see that the same happens, the cluster adapt themselves to the input data.

* Geometric distribution:



1. {(x, y) | 4<= x^2 + y^2 <=16}

* Uniform distribution

