

TASK 7: Visualizing the grade of the SOMs: A common problem with SOMs and many other machine learning techniques is being able to assess the quality or performance of the program. Here similarities between high dimensional information might become difficult to visualize and thus assigning performance measurements be eye. A solution for this to calculate the distance between weight vectors and their neighbors; whereas the average of all these distances being a color which is then set to the respective location.

TASK 7 Demo Outline: "Visualizing the grade of the SOMs"

1. Create a method to all parts of the program for N-iterations
2. Create a method to visualize the results of the program