

Lab 9: Clustering

Q1: SOM

- Please import **minisom** package from **github**: <https://github.com/JustGlowing/minisom.git>
- Install **minisom**
- Consider using minisom on the the **digits** dataset that you need to load from scikit-learn
- Display the outcome of the clustering (map=clusters).

Q2: Clustering

- You are asked to use one of these datasets:
<https://archive.ics.uci.edu/dataset/186/wine+quality>.
- Please implement k-means, hierarchical clustering and DBSCAN to analyse the selected dataset.
- Experiment with different 'k' values (e.g., 2, 3, 4) with k-means and hierarchical.
- Discuss the results.