

Lab 2 goals

0.) Take Survey 1/25 on ICON

1.) Install and work with pythonmapper (see **mappersummary2a.pdf**) on a linux machine.

2.) Create figures that you can use to illustrate TDA mapper both for your poster and project. Consider constructing some artificial data sets by modifying **createArtificialDataSets2.r** and/or using the datasets in pythonmapper and/or examples in TDAmapper README.

3.) Create slide(s) similar to last week where slide includes picture of data set and several different pythonmapper outputs for this data set (similar to last week's sample.pptx). Upload to Lab 2 slides on ICON.

4.) Spend a few minutes working with a real data set. You can find a real data set via

- googling (or duckduckgoing, etc): "topic of interest" type:.csv
- <http://archive.ics.uci.edu/ml/datasets.html>
- <https://www.kaggle.com/datasets>
- Using the following command in R: `data()`