Group 14

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DLMI - CHALLENGE

You will find the code for the challenge in this repository:

- a data exploration notebook where statistics are made on the data available

- a segmentation notebook where segmentation of the images is explained

- a classification with only clinical data (Threshold, classical machine learning methods)

- a classification with MIL instance learning

- a classification with MIL embedding learning

- a notebook to train the autoencoder

Weights of some trained models are also available

Submission files can also be found (in addition to the ones submitted in Kaggle)

Data is also available, it is a slightly modified version of the original data as we also have at our disposal the segmented images

How to use it ?

In Kaggle, you can load the public dataset created by us “dlmi-mms-data”

Then by running each cell, it will work !