Repository structure:

Data files (EXTERNAL) = C:\Users\Abeni07\data

Python libraries (External) = C:\Users\Abeni07\miniconda3\lib\site-packages

-old files

Functions

- create\_data.py

-draw\_confidence\_ellipse.py

-GaussianCloud.py

-learn\_3\_gaussian\_clouds.py

-learn\_gaussian.py

-means\_covs.py

-gpu inference- main program.py

Models:

-pytorch\_model.py

-trained\_models (subdirectory)

-model\_weighths.pth

Scripts

-pytorch\_script.py

Inference

* Pytorch\_eval.py
* Pytorch\_test.py
* Test\_model\_new.py

Training

-pytorch\_train.py

-pytorch\_test.py

Results

Plots

Logs