Checkpoint #4

Team : Ancel Gael, Assaraf David, Pellegrin Raphael

* We discussed the implementation of NLM and how it can be apparented to a Bayesian Linear Regression.
* We discussed HMC of BBVI as a method for Bayesian Inference
* We discussed the boundary generation and how our choice of OOD samples could impact the position of the boundaries that would surround the data
* We discussed the ground truth of epistemic uncertainty that would be the one coming from Gaussian Processes
* We discussed Unit testing for our implementation of NLM: Regression with HW2 and classification with HW7
* We discussed how to produced ground truth samples for HMC: run on virtual machines for a week on clusters. To be later specified