Checkpoint #4

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* We discussed the implementation of NLM and how it can be apparented as 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 comign 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