

4.

- a. The benefits of Autograd is that it uses chain rule iteratively on each node and passes gradients down through each layer allowing for terms to not be repeated. Pytorch also has automatic computation of the gradient in 3d matrix to handle the forward and backward processes.
- b. Pytorch stores the matrices and arrays in a Tensor that runs on GPUs that make computation faster on larger data. Tensor is also more specialized for ML.