## Local Update Exercise

## 1 From Previous Exercise

Before today's exercise, the first step is to get your code from Session 3 for synchronous SGD working. Sample code is provided.

## 2 Main Task

Please update your code from exercise 3 to include support for Local-Update SGD, based on the information provided in the previous tutorial. Finally, execute your program using the following configuration/setup:

Report your code modification and the parameters that have the best training result:

- Batch size
- Learning Rate
- Number of workers

- $\bullet$  Training Time Cost
- $\bullet$  Loss Contour