

### Quiz:

- Gradient value depends on the input. (True/False)
- Adagrad and RMSProp algorithms concern with:
  - a) Momentum term.
  - b) Adaptive learning rate.
  - c) a and b.
- Adam algorithm concern with:
  - a) Momentum term.
  - b) Adaptive learning rate.
  - c) a and b.
- Adagrad kills the gradient for:
  - a) Sparse features.
  - b) Dense features.
  - c) a and b.
- Adam takes some U-turns (fluctuate around the minimum) due to:
  - a) The momentum term.
  - b) The adaptive learning rate term.
  - c) a and b.