|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | X0batch×784 |  |  |  | Sigmoid(Z0) =  X1batch×100 |  |  |  |  |
| mini  batch |  | X0W0784×100 + b0 = Z0 |  |  |  | X1W1100×10 + b1 = Z1 |  |  | Error  calculate |
| Update  W0,W1,b0,b1 |  |  |  |  |  |  |  |  | backpropagation |

Sigmoid(Z1) =

X2batch×10

X60000×784

ybatch×10

Initialize W0, W1, b0, b1

100 epochs