

Quiz

Given parameters:

Total Number of workers: 8

Mini-Batch Size: 32

Dataset Size: 10000

Step size: 0.01

Model Training Iterations: 10

Calculation:

Samples per iteration = Number of workers \times Mini-batch size = $8 \times 32 = 256$

Total samples used = Samples per iteration \times Number of iterations = $256 \times 10 = 2,560$

Final Answer

After the training process, 2,560 samples are used.

This is calculated as:

Number of workers (8) \times Mini-batch size (32) \times Training iterations (10) = 2,560 samples.