**Grade received 100%** To pass 80% or higher

Correct

False

True

shared parameters on the same training data.

That's right! In model parallelism, you segment the model into different subsections, running concurrently in other nodes, and synchronize the

1. True Or False: In the model parallelism, the models are replicated into different devices (GPU) and trained on data batches.

1/1 point

That's right! Parallelizing processes, like data extraction or data transformation or both, is a way to accelerate your pipeline performance.

1/1 point

3. True or False: The pipeline performance can be optimized through parallelizing data extraction and transformation.

Correct

1/1 point

True

False

(✓) Correct

That's correct! The API incorporating prefetching, parallelizing data extraction and transformation, caching and reducing memory is **tf.data**.

1/1 point

True

✓ Correct

That's correct! Even in recent years the size of machine learning models has been increasing, hardware accelerators (like GPUs and TPUs) have also been growing, but at a slower pace.

6.	The	library uses synchronous mini-batch gradient descent for training in a distributed way.	1/1 point
	Pandas		
	Scipy		
	GPipe		
	Scikit-lea	irn	
		ight! This distributed machine learning library allows you to make partition models across different accelerators and automatically splits a atch of training examples into smaller micro-batches in a distributed way.	