Congratulations! You passed!

Grade received 100% To pass 80% or higher

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Introduction to Model Serving

Latest Submission Grade 100%			
What are the three key components we should consider when serving (Select all that apply)	an ML Model in a production environment?	1/1 point	
✓ An interpreter			
 Correct Right on track! An interpreter encapsulates a pre-trained mode inference. 	I in which operations are executed for		
✓ Input Data			
✓ Correct You've got it! The model executed on-device makes prediction:	based on the input data.		
☐ An orchestrator ✓ A model			
 Correct Correct! Providing the algorithm and training the ML model is t production. 	ne first step towards putting it into		
2. What happens after a while in operation to an offline-trained model ϵ	ealing with new real-live data?	1/1 point	
The model abruptly forgets all previously learned information.			
The model becomes stale.			
The model adapts to new patterns.			
 Correct Good job! The model performance deteriorates to the point of purpose. This phenomenon is called model decay and should be 			
In applications that are not user-facing, is throughput more critical th	an latency for customer satisfaction?	1/1 point	
No, because users might complain that the app is too slow.			
Yes, in this case, we are concerned with maximizing throughput	vith the lowest CPU usage.		
Correct Correct! Latency is not a key concern for back-end services.			
 Nowadays, developers aim to minimize latency and maximize throug in doing so, infrastructure scales and costs increase. So, what strateg and customer satisfaction? (Select all that apply) 		1/1 point	
✓ GPU sharing			
 Correct Nailed it! This strategy reduces the cost of GPU-accelerated cor 	puting.		
✓ Multi-model serving			
⊙ Correct Yes! This approach scales back infrastructure.			
Optimizing inference models			
♥ Correct Right on track! Optimization modifies a model to handle a high	er load, reducing costs as a result.		