Congratulations! You passed!

Grade received 100% To pass 80% or higher

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Intro to MLEP				
Tot	al points 10			
1.	Static datasets are used for production ML modeling.	1 / 1 point		
	False			
	○ True			
	Correct That's it! Dynamic real-world data is used.			
2.	In production ML, the design priority is fast training.	1/1 point		
	○ Yes			
	No No			
	 Correct Correct Fast training and choosing a high-performance algorithm are the design priorities for prototypes or research ML. 			
3.	Developers adhere to modern software development to produce low-maintenance software, and to address project evolution. Select all the key aspects of modern software development (Check all that apply): Fast Training	1/1 point		
	✓ Best practices			
	○ Correct			
	Perfect! Software development best practices must be resolved.			
	✓ Monitoring			
	○ Correct Right on! The deployed model's performance is properly evaluated.			
	▼ Testability			
	○ Correct Yes! The data entering the system is continuously monitored and tested.			
4.	Model-performance needs to be continuously monitored, and new data, ingested and re-trained.	1/1 point		
	○ No			
	 Correct Good job! After deployment, it's necessary to continuously evaluate the model's performance. 			
5.	ML pipeline workflows are almost always DAGs.	1 / 1 point		
	True			
	○ False			
	 Correct Well done! The components of an ML pipeline are scheduled based on dependencies defined by a DAG. 			
	TensorFlow Extended (TFX) is an end-to-end platform for deploying production ML pipelines.	1/1 point		
	Yes			
	○ No			
	 Correct You got it right! TFX is used to create and manage a production line. 			

~	Modern software development	
6	Correct Keep it up! Well-designed software that adheres to best practices is key for the success of a production grade machine learning system.	
~	Machine learning development	
(Correct Nice going! ML Development focuses on specific issues related with data and model predictions quality.	
	Feature selection and engineering	
	Software testing	
8. Wh	nat are the typical challenges of a production grade ML system? (Check all that apply)	1/1 point
	Assessing model performance.	
	Deploying the model to serve requests.	
~	Handling continuously changing data.	
(Correct Indeed! Data will change over the life cycle of a production system, which can harm its performance. 	
~	Continually operating while in production.	
(Correct Right on track! ML systems need to be flexible to operate while the system stages or modules are being changed or redesigned.	
	Training the model on real world data.	
~	Optimizing computational resources and costs.	
(Correct Absolutely! You want your ML system to be as frugal as possible.	
~	Building integrated ML systems.	
(Orrect Very well! ML systems perform all operations starting from ingesting the data into the system to deployment.	
), Pro	oduction grade machine learning challenges are addressed by implementing an important concept:	1/1 point
•	Machine learning pipelines	
0	Directed Acyclic Graphs (DAGs)	
0	Orchestrators	
0	Tensorflow Extended (TFX)	
(Correct Spot on! ML pipelines provide support for automating, monitoring and maintaining a model as you continue to train it over its lifetime.	
	nsorFlow Lite is a deep learning framework to deploy TFX pipelines into:	1/1 point
	Mobile devices	
0		
	© Correct	
6	That's it! Tensorflow Lite is the tool for deploying TFX pipeline into mobile and IoT devices.	