**Grade received** 97.14% **To pass** 80% or higher

- 1. Static datasets are used for production ML modeling.
  - False
  - True

Correct

That's it! Dynamic real-world data is used.

1/1 point

Correct! Fast training and choosing a high-performance algorithm are the design priorities for prototypes or research ML.

1/1 point

2. In production ML, the design priority is fast training.

✓ Correct

1/1 point

1/1 point

**4.** Model-performance needs to be continuously monitored, and new data, ingested and re-trained.

Good job! After deployment, it's necessary to continuously evaluate the model's performance.

Well done! The components of an ML pipeline are scheduled based on dependencies defined by a DAG.

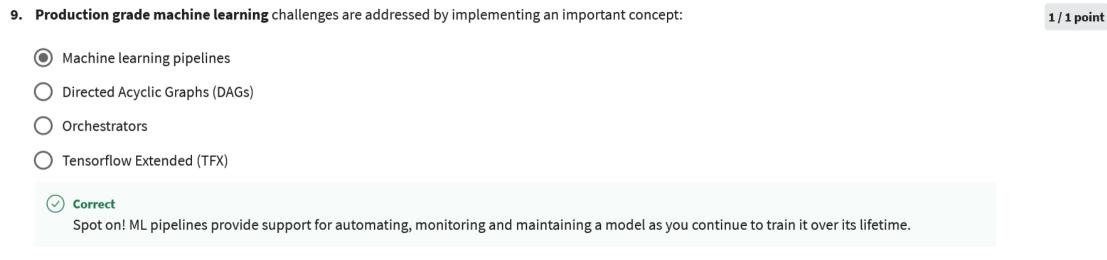
1/1 point

**5.** ML pipeline workflows are almost always DAGs.

Correct

7.	Production machine learning combines which two key disciplines?	1/1 point
	☐ Software testing	
	Modern software development	
	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	

8.	What are the unique challenges to overcome in a production-grade ML system? (Check all that apply)	0.7142857142857143 / 1 point
	Assessing model performance.	
	Training the model on real world data.	
	Continually operating while in production.	
	✓ Handling continuously changing data.	
	Correct Indeed! Data will change over the life cycle of a production system, which can harm its performance.	
	Building integrated ML systems.	
	<ul> <li>Correct</li> <li>Very well! ML systems perform all operations starting from ingesting the data into the system to deployment.</li> </ul>	
	Optimizing computational resources and costs.	
	Deploying the model to serve requests.	
	You didn't select all the correct answers	



1/1 point

**10.** TensorFlow Lite is a deep learning framework to deploy TFX pipelines into:

That's it! Tensorflow Lite is the tool for deploying TFX pipeline into mobile and IoT devices.