

Status	Finished
Started	Sunday, 30 November 2025, 9:09 PM
Completed	Sunday, 30 November 2025, 9:14 PM
Duration	4 mins 15 secs
Grade	10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Which tool in MLOps is commonly used to track experiments and version models?

- ☐ a. Jenkins
- ☒ b. MLflow ✓
- ☐ c. AWS S3
- ☐ d. Flask

Your answer is correct.

The correct answer is: MLflow

Question 2

Correct

Mark 1.00 out of 1.00

What does Infrastructure as Code (IaC) accomplish in an MLOps workflow?

- ☐ a. Manages the deployment of serverless functions in ML models.
- ☒ b. Automates the management and deployment of cloud infrastructure. ✓
- ☐ c. Handles data ingestion and transformation.
- ☐ d. Provides a code-based approach for hyperparameter tuning.

Your answer is correct.

The correct answer is: Automates the management and deployment of cloud infrastructure.

Question 3

Correct

Mark 1.00 out of 1.00

What is the primary benefit of using Kubernetes in MLOps?

- ☐ a. Enhances visualization of ML data in Jupyter Notebooks.
- ☒ b. Manages containers at scale, providing load balancing, scaling, and automation. ✓
- ☐ c. Tracks and version controls data across ML workflows.
- ☐ d. Simplifies the process of creating machine learning algorithms.

Your answer is correct.

The correct answer is: Manages containers at scale, providing load balancing, scaling, and automation.

Question 4

Correct

Mark 1.00 out of 1.00

Which of the following best describes MLOps?

- ☒ a. A set of practices that combines ML and DevOps to streamline the ML lifecycle. ✓
- ☐ b. A method to create new machine learning algorithms
- ☐ c. A framework for data visualization in ML projects.
- ☐ d. A process for training models without using data.

Your answer is correct.

The correct answer is: A set of practices that combines ML and DevOps to streamline the ML lifecycle.

Question 5

Correct

Mark 1.00 out of 1.00

Which certification focuses on building and deploying ML models in a production environment?

- ☒ a. Google Professional ML Engineer ✓
- ☐ b. CompTIA Security+
- ☐ c. AWS Certified Solutions Architect

Your answer is correct.

The correct answer is: Google Professional ML Engineer

Question 6

Correct

Mark 1.00 out of 1.00

In MLOps, which of the following is used to detect data drift?

- ☒ a. Population Stability Index (PSI) ✓
- ☐ b. Terraform
- ☐ c. Dockerfile
- ☐ d. GitLab CI/CD

Your answer is correct.

The correct answer is: Population Stability Index (PSI)

Question 7

Correct

Mark 1.00 out of 1.00

Which of the following is a key tool used for containerization in MLOps?

- ☒ a. Docker ✓
- ☐ b. GitHub Actions
- ☐ c. Prometheus
- ☐ d. Terraform

Your answer is correct.

The correct answer is: Docker

Question 8

Correct

Mark 1.00 out of 1.00

What does CI in CI/CD stand for in the context of MLOps?

- ☐ a. Continuous Improvement
- ☐ b. Collaborative Intelligence
- ☐ c. Container Infrastructure
- ☒ d. Continuous Integration ✓

Your answer is correct.

The correct answer is: Continuous Integration

Question 9

Correct

Mark 1.00 out of 1.00

Which serverless service is ideal for deploying event-driven ML models?

- ☐ a. Kubernetes
- ☐ b. Docker
- ☐ c. Apache Spark
- ☒ d. AWS Lambda ✓

Your answer is correct.

The correct answer is: AWS Lambda

Question 10

Correct

Mark 1.00 out of 1.00

In MLOps, what is the purpose of AutoML?

- ☒ a. Automates the ML pipeline, including data cleaning, model selection, and hyperparameter tuning. ✓
- ☐ b. Automates infrastructure deployment in cloud environments.
- ☐ c. Streamlines data ingestion and cleaning.
- ☐ d. Handles containerization of ML models.

Your answer is correct.

The correct answer is: Automates the ML pipeline, including data cleaning, model selection, and hyperparameter tuning.