



QUIZ





Q1. What is the primary purpose of a Dockerfile.

- A. Automate GPU training**
- B. Deploy to the cloud**
- C. Describe how to build a Docker image**
- D. Package model weights only**





Q2. Which command is used to build a Docker image from a Dockerfile?

- A. `docker run -t image_name .`
- B. `docker build -t image_name .`**
- C. `docker start image_name`
- D. `docker compile image_name .`





Q3. What's the purpose of exposing ports in a container?

- A. For file sharing
- B. For package installation
- C. To allow external access
- D. To stop a containerd



Q4. How can you debug issues inside a running container?

- A. docker commit
- B. docker logs**
- C. docker restart
- D. docker stats





Q5. Which option runs the container interactively?

- A. -d**
- B. -v**
- C. -it**
- D. -rm**



Q6. What command lists all running Docker containers?

A. docker build

B. docker ps

C. docker run

D. docker ls



Q7. Why is Docker important in ML pipelines?

- A. For training faster
- B. For reproducibility, isolation, and portability**
- C. To host data
- D. To monitor logs





Q8. What's the role of CMD in a Dockerfile?

- A. It compiles the app
- B. It sets default command to run**
- C. It defines image base
- D. It installs OS packages



Q9. What is the role of pyproject.toml in uv-based pipelines?

- A. Stores datasets
- B. Defines dependency and build logic**
- C. Hosts API routes
- D. Configures Jupyter





Q10. What is one reason for model not running in a container?

- A. Not exposing ports**
- B. CMD missing in Dockerfile**
- C. Not installing Python**
- D. All of the above**