

# Knowledge check

2 minutes

1. You plan to use hyperparameter tuning to find optimal discrete values for a set of hyperparameters. You want to try every possible combination of a set of specified discrete values. Which kind of sampling should you use?

☐ Random Sampling

☒ Grid Sampling



**That is correct. You should use a Grid sampling to try every combination of discrete hyperparameter values.**

☐ Bayesian Sampling

2. You are using hyper parameter tuning to train an optimal model based on a target metric named "AUC". What should you do in your training script?

☐ Import the logging package and use a logging.info() statement to log the AUC

☐ Include a print() statement to write the AUC value to the standard output stream

☒ Get a reference to the Azure ML run context and use a run.log() statement to write the AUC value to the run log



**That is correct. Your script needs to log the primary metric to the run using the same name as specified in the hyperdrive config.**

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