✓ 100 XP ▶

Use compute targets

5 minutes

After you've created or attached compute targets in your workspace, you can use them to run specific workloads; such as experiments.

To use a particular compute target, you can specify it in the appropriate parameter for an experiment run configuration or estimator. For example, the following code configures an estimator to use the compute target named *aml-cluster*:

```python
from azureml.core import Environment, ScriptRunConfig

compute_name = 'aml-cluster'

training_env = Environment.get(workspace=ws, name='training_environment')

script_config = ScriptRunConfig(source_directory='my_dir',
                                script='script.py',
                                environment=training_env,
                                compute_target=compute_name)
```

When an experiment is submitted, the run will be queued while the *aml-cluster* compute target is started and the specified environment created on it, and then the run will be processed on the compute environment.

Instead of specifying the name of the compute target, you can specify a **ComputeTarget** object, like this:

```python
from azureml.core import Environment, ScriptRunConfig
from azureml.core.compute import ComputeTarget

compute_name = "aml-cluster"

training_cluster = ComputeTarget(workspace=ws, name=compute_name)

training_env = Environment.get(workspace=ws, name='training_environment')

script_config = ScriptRunConfig(source_directory='my_dir',
                                script='script.py',
```

```
                            environment=training_env,
                            compute_target=training_cluster)
```

Next unit: Exercise - Work with Compute Contexts

Continue >