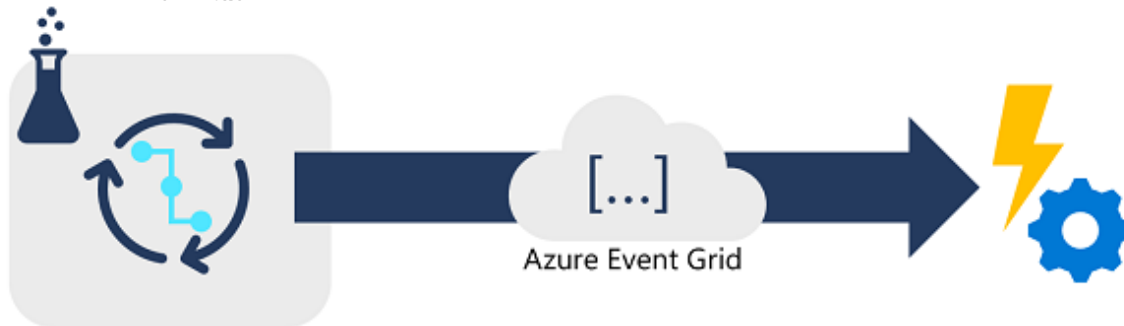Highlight   Note

Event-Driven Workflows

So far we've explored ways to automate machine learning operations through pipelines.

Azure Machine Learning integrates with Azure Event Grid to support event-driven workflows that go beyond pipelines to create a framework for triggering actions in response to specific events.

Azure Machine Learning events include:

- Run completion
- Run failure
- Model registration
- Model deployment
- Data drift detection

You can use events trigger actions such as:

- Azure Functions
- Azure Logic Apps
- Azure Event Hubs
- Azure Data Factory pipelines
- Generic webhooks

For example, you can define an event based on the completion of a pipeline run that trains a model, and use that event to trigger an action such as an Azure Function that deploys the model as a service in a staging environment for testing. Or you might create an event that fires when a pipeline run fails, and use an Azure Logic App to send a notification email to an operator.