Sample Argo Workflow with MLflow and kapp-controller

VMware Tanzu

Overview

Use this sample template as a baseline to bootstrap classic ML / DL training pipelines with **Argo Workflows** and deploy them with **kapp-controller**. **MLflow** is used for model tracking and lifecycle management.

```
> kapp deploy -a mlpipeline -f pipeline_app.yaml
Reconciling...
```

Accelerator Configuration Options

Final Model Stage on Pass	Final stage to transition successfully validated models after model evaluation. *(None, Staging, Production)*
Git Repository Name	Full http link to the workflow's source git repository
Git Repository User	Git user used by *kapp-controller* to handle reconciliation
Git Repository Branch	Git branch that will be fetched and reconciled by *kapp-controller*
Training Experiment	Name of MLflow training experiment that will be used to generate runs

Kapp-Controller Resource	Name of the App object that will represent this workflow
Argo Workflow name	Name of the Argo Workflow that will be created and managed