**GitHub Public Repo:**

https://github.com/ColinWrinch/mlops

**Notebook MLFlow / Pipeline**

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Github Actions – Pipeline

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For some reason I could not get the build image created (**UserError:**Image build failed. For more details, check log file azureml-logs/20\_image\_build\_log.txt.”), I reviewed my yml versus previous projects and did a variety of troublebshooting, but using the same container and image parameters as my notebook stalled on “Preparing” status on the cpu-cluster for 1.3 hrs, before failing with an image creation error message.

Despite the following configuration

# Prod environment

variables:

  # Global

  ap\_vm\_image: ubuntu-20.04

  namespace: demoworkspace

  postfix: 001

  location: eastus

  environment: prod

  enable\_aml\_computecluster: true

  enable\_aml\_secure\_workspace: true

  enable\_monitoring: false

  # Azure DevOps

  ado\_service\_connection\_rg: Azure-ARM-Prod

  ado\_service\_connection\_aml\_ws: Azure-ARM-Prod

  # For pipeline reference

  resource\_group: default\_resource\_group

  aml\_workspace: gl-msft-program

and

$schema: https://azuremlschemas.azureedge.net/latest/environment.schema.json

name: used-cars-train-env

image: mcr.microsoft.com/azureml/openmpi4.1.0-ubuntu20.04

conda\_file: ../../../data-science/environment/train-conda.yml

description: Environment created from a Docker image plus Conda environment.

and

channels:

  - defaults

  - anaconda

  - conda-forge

dependencies:

  - python=3.7.5

  - pip

  - pip:

      - azureml-mlflow==1.38.0

      - azure-ai-ml==1.0.0

      - pyarrow==10.0.0

      - scikit-learn==0.24.1

      - pandas==1.2.1

      - joblib==1.0.0

      - matplotlib==3.3.3

      - git+https://github.com/microsoft/AzureML-Observability#subdirectory=aml-obs-client

      - git+https://github.com/microsoft/AzureML-Observability#subdirectory=aml-obs-collector