Examples

CP4D MLOps Example Templates

For example, the CP4D MLOps Accelerator is a step-by-step guide to help you set-up your Cloud Pak for Data environment to faciliate efficient MLOps.

The accelerator documents the implementation of a simple end-to-end MLOps workflow that uses services from the Cloud Pak for Data software stack to demonstrate the full AI lifecycle, from training to production. The accelerator is specifically built to demonstrate the creation of a basic workflow, while allowing for rapid customization. For example, you can tailor this flow to include your custom-built PyTorch or TensorFlow models.

Use this accelerator as a guide to building your own MLOps pipeline.

We include:

- full documentation of the CP4D environment set-up.
- sample notebooks that populate the environment with MLOps steps, including `data_validation`, `model_training`, and `model_deployment`.

Additional Examples

- The sample [mlops-sustainability-oss](#) ⧉ demonstrates a self-sustaining end-to-end CP4D MLOps workflow for a flood forecasting model with automated data/model versioning and rollback.

More Examples (coming soon)

- We are continously improving our assets. More example assets will be added shortly.

Last update: October 31, 2023

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