To import a model from a MLflow model registry to DSS.

Download the model to your local filesystem. For example, from your own machine:

import mlflow

mlflow.set\_tracking\_uri("your\_mlflow\_tracking\_uri")

model\_name = "your\_model\_name"

model\_version = "latest"

local\_dir = "./my\_model"

mlflow.artifacts.download\_artifacts(artifact\_uri=f"models:/{model\_name}/{model\_version}", dst\_path=local\_dir)

2. Copy all the files from the resulting folder to a managed folder in DSS:

* From the flow, click on "+ DATASET" / "Folder"
* Give the folder a label, click create
* Click "Add a file" then select all the files from your local folder and upload them
* Copy the managed folder id (you can find it in your browser's URL bar), you will need it in the next step

3. From a DSS notebook, import the MLflow model

 import\_mlflow\_version\_from\_managed\_folder:

import dataiku

client = dataiku.api\_client()

project = client.get\_default\_project()

# Assuming your model is a binary classification model

dss\_model = project.create\_mlflow\_pyfunc\_model('your\_model\_name', 'BINARY\_CLASSIFICATION')

dss\_model\_version = dss\_model.import\_mlflow\_version\_from\_managed\_folder("your\_model\_version", "your\_managed\_folder\_id", "path\_in\_managed\_folder", "your\_code\_environment")

# don't forget to call dss\_model\_version.set\_core\_metadata and dss\_model\_version.evaluate if you want to have access to performance and explainability features of DSS