{{design.mltask.name}}

{{mlflow.model\_version.name}}

short line



|  |  |  |
| --- | --- | --- |
| **Version** | **Author** | **Date** |
| 1.0 | {{config.author.name}}  {{config.author.email}} | {{config.generation\_date.name}} |

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# Executive Summary

{{if mlflow.prediction\_type.status == Yes}}

A {{design.prediction\_type.name}} Machine Learning model was imported to Dataiku DSS using MLflow.

{{endif mlflow.prediction\_type.status}}

{{if mlflow.prediction\_type.status == No}}

A Machine Learning model was imported to Dataiku DSS using MLflow.

{{endif mlflow.prediction\_type.status}}

{{if mlflow.target.status == Yes}}

{{if mlflow.features.status == Yes}}

Its goal is to predict {{design.target.name}} given a total of {{design.features\_count.value}} features.

{{endif mlflow.features.status}}

{{endif mlflow.target.status}}

# MLflow Import details

Information about how the model was created and imported can be found in this section.

## MLflow Import Environment

The model was imported with the following environment:

* Code environment: {{config.environment.name}}
* Python version: {{mlflow.python\_version.name}}

## Pyfunc Flavor Labels

Below is the list of pyfunc flavor labels describing the environment in which the model was trained and imported.

{{mlflow.pyfunc.table}}

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

{{/mlflow.pyfunc.table}}

## Other Labels

Below is the list of other labels describing the libraries used to create the model.

{{mlflow.labels.table}}

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

{{/mlflow.labels.table}}

## Features

The table below lists the features set by the user when the model was imported:

{{if mlflow.features.status == Yes}}

{{design.input\_feature.table}}

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

{{/design.input\_feature.table}}

{{endif mlflow.features.status}}

{{if mlflow.features.status == No}}

|  |  |  |  |
| --- | --- | --- | --- |
| Feature Name | Status | Type | Processing |
| Features were not set when importing the MLflow model. | | | |
|  |  |  |  |

{{endif mlflow.features.status}}

|  |
| --- |
| **Legend**   * *Feature name:* Name of the feature column * *Feature status:* Input, Target or Rejected * *Feature type:* Numeric, Category, Text, or Array * *Processing:* Type of processing applied (Avg-std rescaling, dummy-encode…) |

{{if mlflow.origin.name == experiment}}

## Original Experiment

The model version {{mlflow.model\_version.name}} has been designed in the run {{mlflow.experiment.runId}} of experiment {{mlflow.experiment.experimentId}}.

{{endif mlflow.origin.name}}

# Deployment and Monitoring

## Implementation Details

* The backend used by the model is: {{design.backend.name}}
* The model can be found here: {{config.project.link}}
* The name of the generated file is: {{config.output\_file.name}}

## Version Control

* The model was trained at {{mlflow.mlflow\_training\_date.name}} (UTC).
* It was then imported at {{result.mlflow\_import\_date.name}} (in the DSS time zone)
* With the following code environment: {{config.environment.name}}
* And the following python version: {{mlflow.python\_version.name}}