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Financial Services Model Management and Governance (OFS MMG) Application Pack, v8.1.2.0.0 Maintenance Level Release #6

Release 8.1.2.6.0

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Description

OFS MMG 8.1.2.0.0 Maintenance Release #6 8.1.2.6.0 (ID 36336349).

This release of the OFS MMG Application Pack is cumulative of all enhancements and bug fixes completed since the v8.1.2.0.0 release.

> **✎ Note:**
>
> For more information on MMG related documents, see the following link. https://docs.oracle.com/cd/F40412_01/get_started.htm

1.1 How to Apply this Release?

For instructions on how to install this OFS MMG Application Pack Release, see the Oracle Financial Services Model Management and Governance Application Pack Installation Guide, Release 8.1.2.5.0.

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New Features and Enhancements in this Release

2-1

1. Installer

   - All port number being used for services are now configurable.

   - A new pre-installation utility is now available to validate install configurations like availability of ports, ftpshare/log folders, database connections, etc.

2. Data Stores

   - Users can now upload new files (.csv and .txt) while registering File based Data Stores.

   - Ability to derive the schema information for the File based Data Stores.

3. Data Studio Conda Environments

   - Users can now register custom/local Conda channels for package installation.

4. Workspaces

   - Users can now provide database Hints at table-level and SQL Prescripts at schema level for data load performance improvement during Workspace Population.

   - Ability to do data repopulation for a subset of tables.

5. Datasets

   - Introduction of Data Fairness functionality.

   - Support of Pyspark option for scaling dataset.

6. Model Pipelines

   - Introduction of Interactive execution mode in Dashboard for users to pause and review results before providing next set of runtime parameters and continuing execution.

   - Support of markups in %python paragraphs to allow users to track outputs and update node type (training/scoring/experimentation) from python script itself.

   - New Deployment Overview screen to improved user experience around deployment workflow.

   - Addition widgets introduced for feature engineering and model training.

7. Model Catalog

   - Additional metrics introduced to score/evaluate models built externally and those built from Pipeline/Notebook.

   - All models can now optionally be served as a webservice exposing its prediction endpoints.

8. Data Studio

   - Data Studio upgraded to 23.4.7 version.

9. Identity Management

    a. Option to fetch and provision user groups from OFSAA during user provisioning.

10. Scheduler

    • Support of providing runtime parameters in ESIC.

11. UI/UX Enhancements

    • Improved UI messages and logging.

    • UI/UX improvements in line with Redwood design.

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Known Issues and Limitations in this Release

Limitations:

- Encode categorical feature transform fails with MODIN Data Frame Library if the selected features contain different values.

- Cache functionality might not work as intended while using MODIN Data Frame Library.

- Objective name in the Model Report from the flat list summary of models is displayed as 'Model lists' instead of the actual objective name.

- The Previous result is displayed in the notebook tab of the production workspace.

- Select all data sourcing objects does not work as intended during workspace provisioning.

- Error log table creation fails if the column data types are LONG, CLOB, BLOB, BFILE, and ADT during Sandbox data population.

- The PDF of the Model Report does not contain data in the output section.

- Unable to perform dataset cache with Modin library.

- The Notebook initialization fails if the logged in user name is not in uppercase.

Features or Modules Desupported

The following UI elements-related changes are done in MMG Studio:

- Publishing of Models option from the Model Summary screen has been deprecated and will be removed in the upcoming releases. Deployment of Models published from the Model Summary screen will not promote the associated dependencies such as Graphs, Parameter Sets, Datasets, and Models.