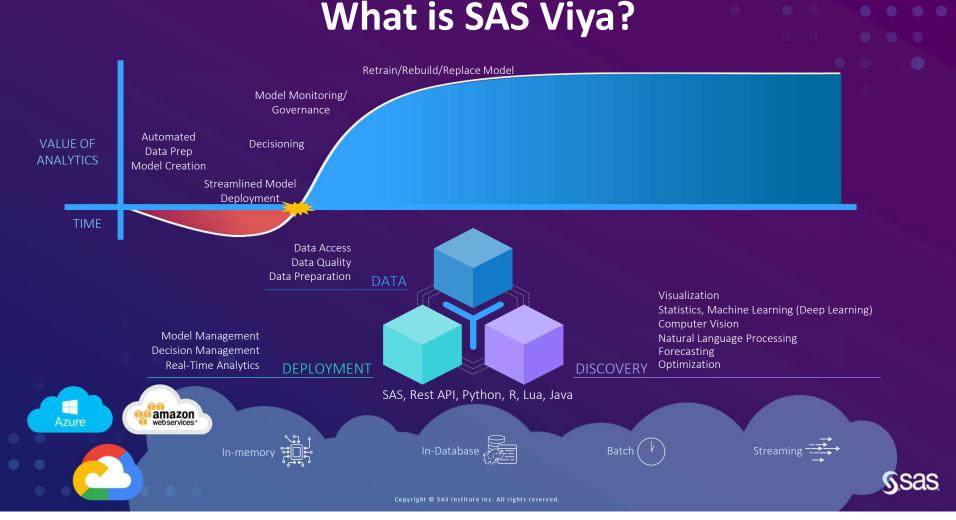
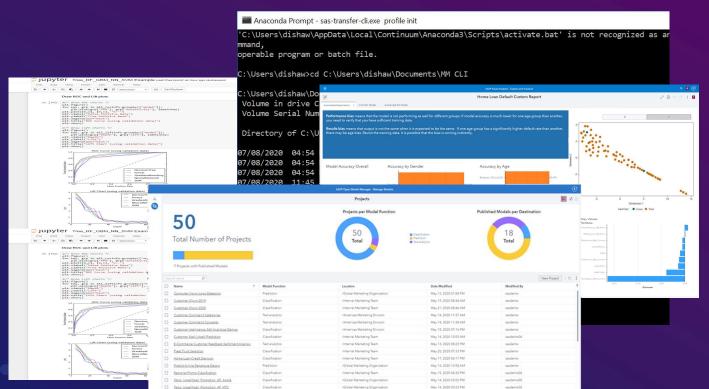


Ssas

What is SAS Viya?

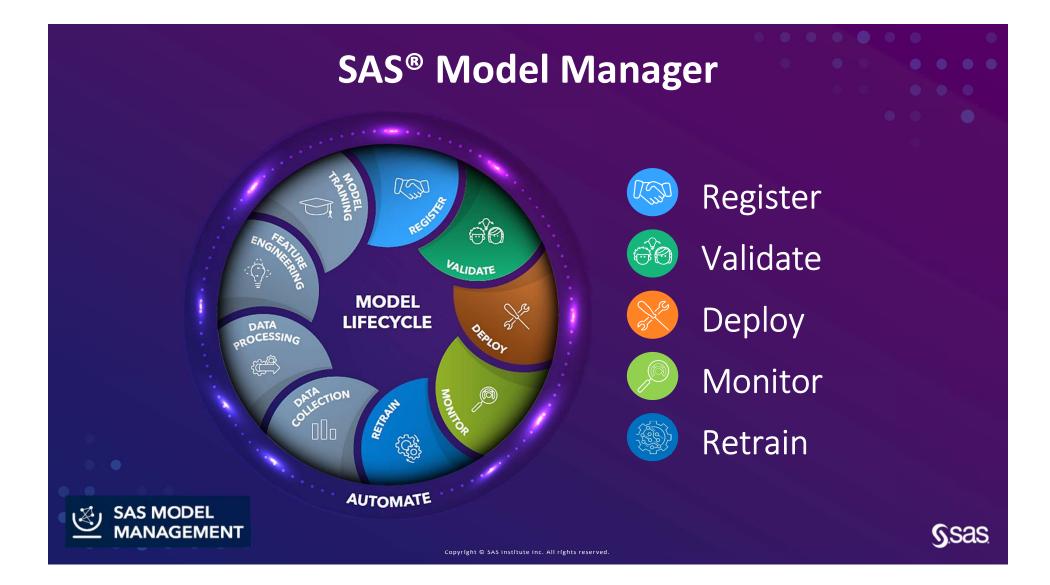


Open Access From Diverse Interfaces



- ✓ Interactive GUI with KPI performance monitoring, variable drift, stability, alerts
- ✓ REST APIs
- ✓ Command Line Interface
- ✓ Python package (PZMM and others)
- ✓ SAS code

S.sas.





Register

ORGANIZE AND MANAGE ANALYTIC MODELS AND PIPELINES

Published Models per Desi

Modified By

(E) edmdev

(S) scraic

(E) edmdes

(E) edmde

(D) dishaw

(E) edmde

Add models • Date Modified

Jun 3, 2020 10:14 PM

May 29, 2020 03:44 AM

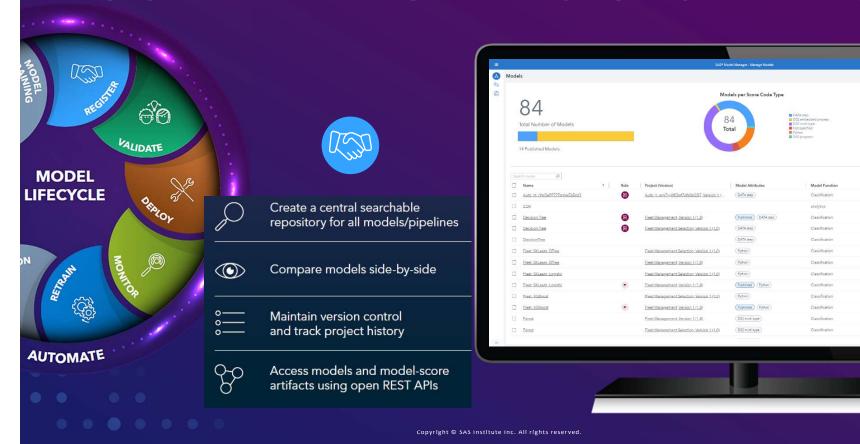
Jun 4, 2020 08:06 AM

Jun 4, 2020 08:40 AM

Jun 4, 2020 08:06 AM

Jun 4, 2020 08:45 AM

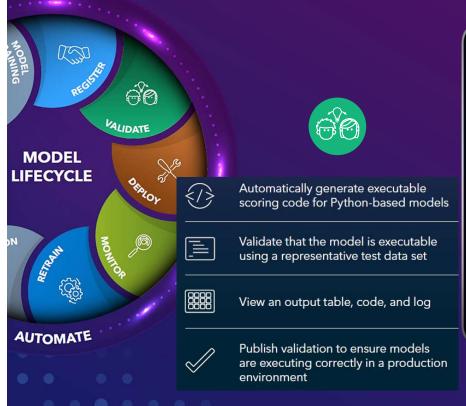
Jun 4, 2020 08:07 AM

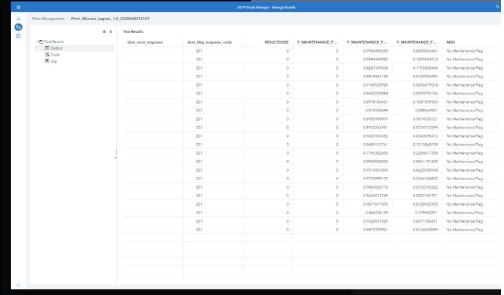




Validate

TEST AUTO-GENERATED EXECUTABLE SCORE CODE



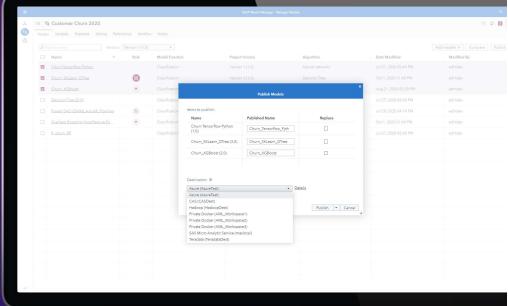


S.sas



Deploy MODEL PUBLISHING AND SCORING





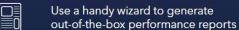


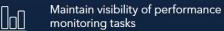


Monitor MONITOR MODEL PERFORMANCE



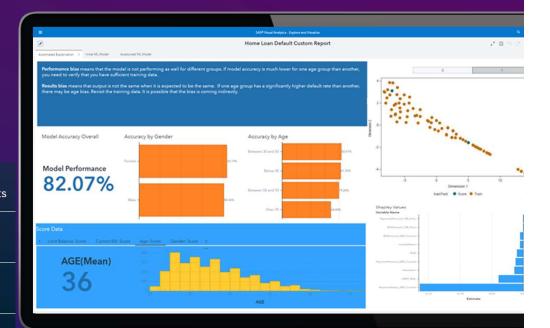






Easily access data to monitor



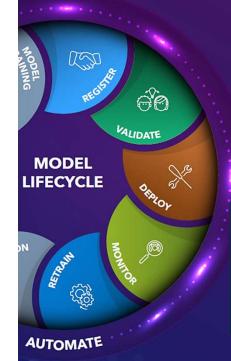






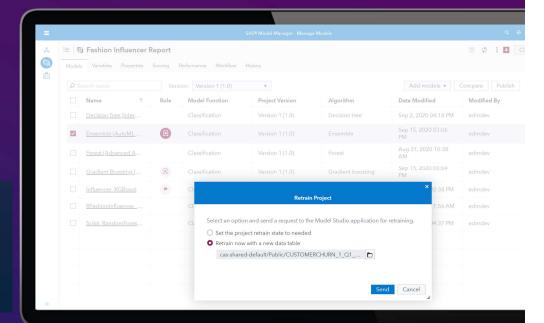
Retrain

RETRAIN MODELS

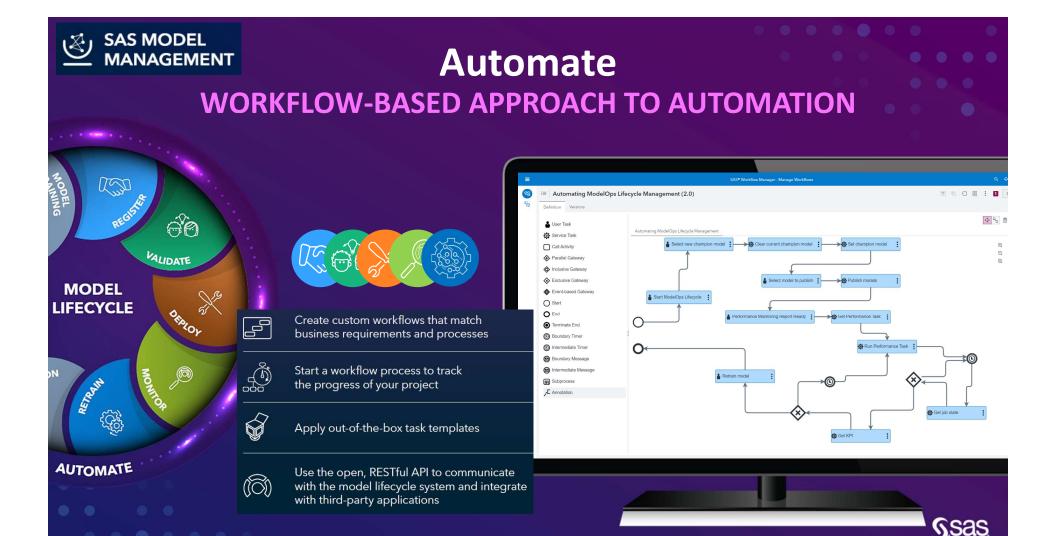




- 1. Retrain the existing model on new data
- 2. Revise the model with new techniques (such as feature engineering or new data elements)
- 3. Replace the model entirely with a better model.







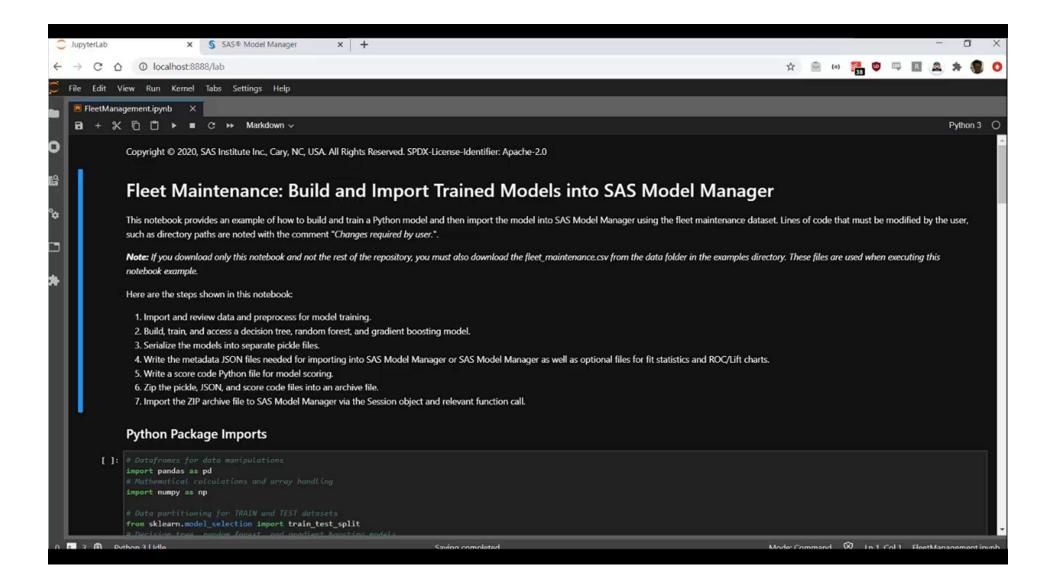
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PythonZip-ModelManager (pzmm) Demo

Enable easy communication with Python runtime Import, deploy, score, and monitor already built Python models in SAS® Model Manager directly from Python

https://github.com/sassoftware/python-sasctl/tree/master/src/sasctl/pzmm

S.sas.





PythonZip-ModelManager (pzmm)

Enable easy communication with Python runtime

PZMM Module

https://github.com/sassoftware/python-sasctl/tree/master/src/sasctl/pzmm

Register Python Model in SAS Model Manager

Problem

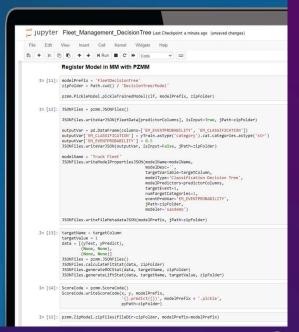
Simplify registration of a Python model into SAS Model Manager / SAS Open Model Manager

Tool

Use Python as a client

Solution

Use pickleZip-mm (pzMM) to write executable score.py file and supporting metadata JSON files, serialize trained model into binary pickle file, and load all relevant files for deployment and governance needs



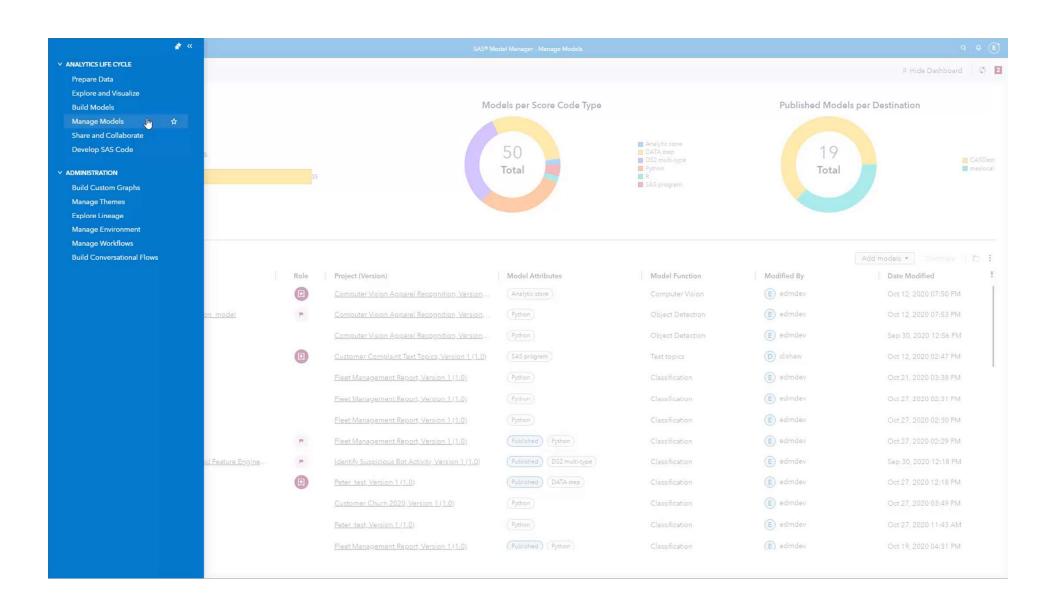


Compare all types of models Demo

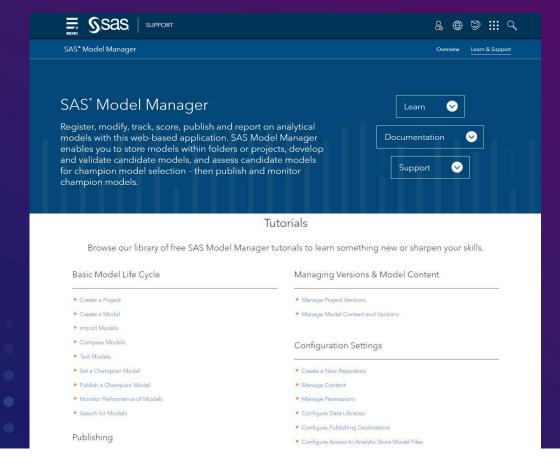
Easily compare and contrast between any type of model directly within SAS® Model Manager

https://communities.sas.com/

Ssas.







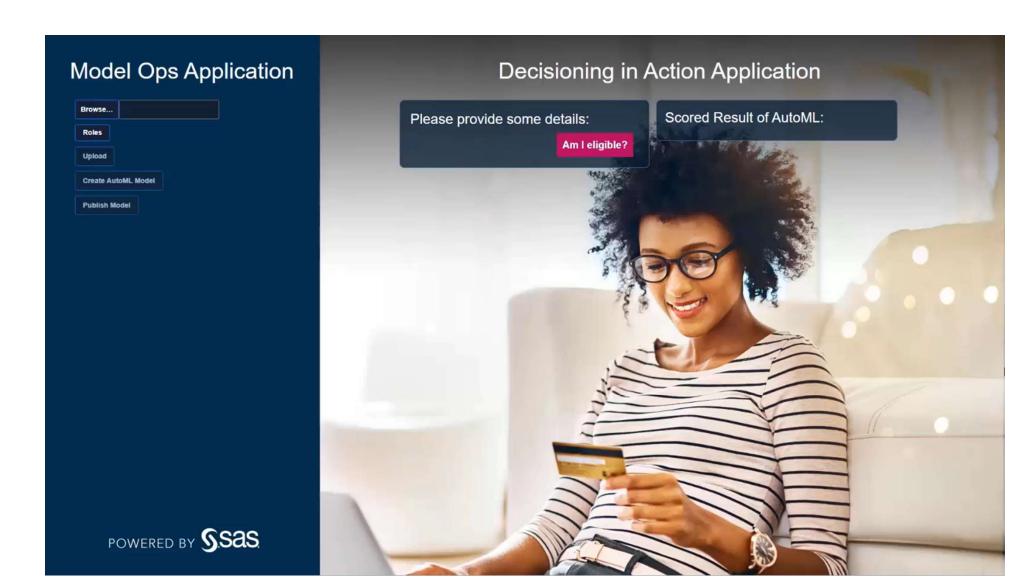
www.sas.com/en_us/software/ model-manager-support.html

Ssas

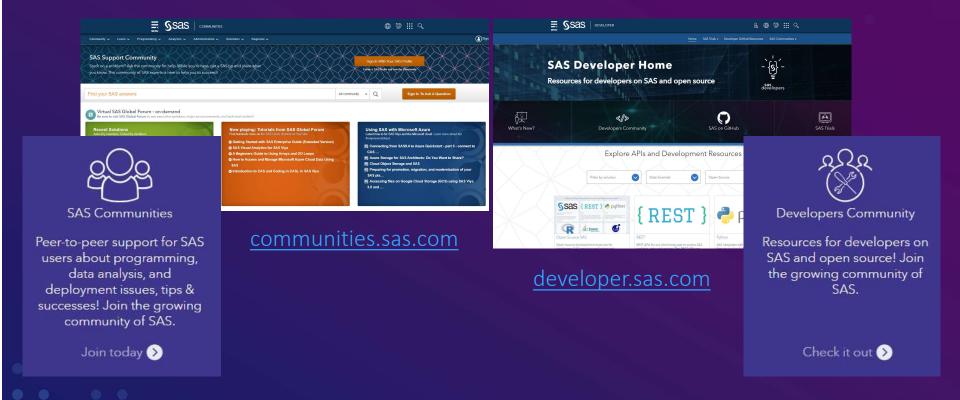
Consumable SAS Viya APIs Demo

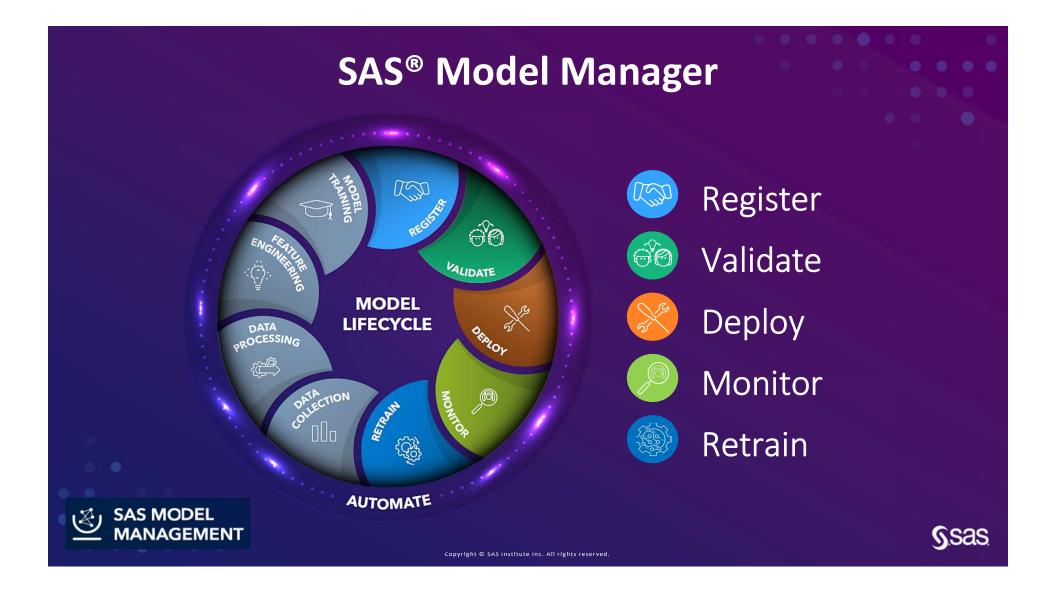
Easily leverage automated modeling and automated decisioning with a custom application with SAS Viya APIs

https://developer.sas.com













www.sas.com/sas/offers/20/modelmanagement.html

A modeling melting pot gives organizations the freedom to use their tools, algorithms and programming languages to develop and deploy analytical models - fueling innovation and creativity.



Maximize Business Value. Make Better Decisions. Deliver Trusted Outcomes.



Enterprise Platform



Democratize Analytics



Embedded AI

