



Towards AI powered manufacturing services, processes, and products in an edge-to-cloud-knowlEdge continuum for humans

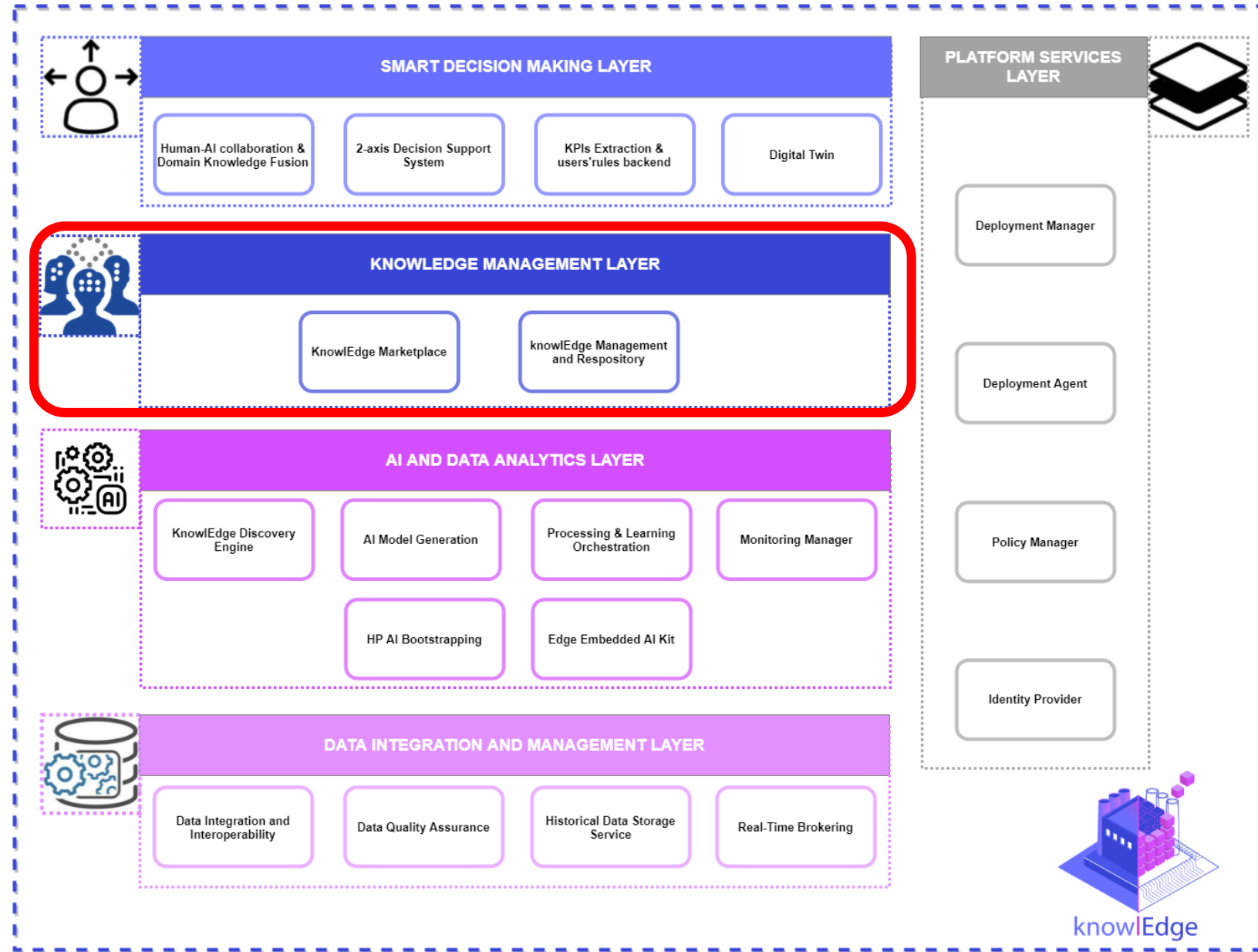
AI on Demand: Trading AI models on the knowlEdge Marketplace

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Overview



AI Marketplace Overview

Name	Model Types	Domains	Standards	Datasets	Ontology	Proprietary?
Nvidia Triton	Deep Learning and conventional Machine Learning	Agnostic	ONNX, RAPIDS™ FIL and others	✗	✗	No
Verta Model Registry	Unclear	Agnostic	ONNX and others	✗	✗	Yes
modelplace.ai	Deep Learning	Computer Vision/ Image Processing	Unknown	✗	✗	Yes
Modzy AI Model Marketplace	Deep Learning	Agnostic	Chassis.ml	✗	✗	Yes
AWS marketplace	Agnostic	Agnostic	✗	✓	✗	Yes
SingularityNET	Different	Different	Access via API	✗	✗	Yes
knowlEdge Marketplace	Agnostic	Agnostic	ONNX PMML	✓	✓	Yes

KnowlEdge Marketplace Features



Marketplace for trading practical AI algorithms and solutions



Users friendly and easy to use interfaces



Trusted trades between the stakeholders & Security



Profiles & Roles(producers and customers)

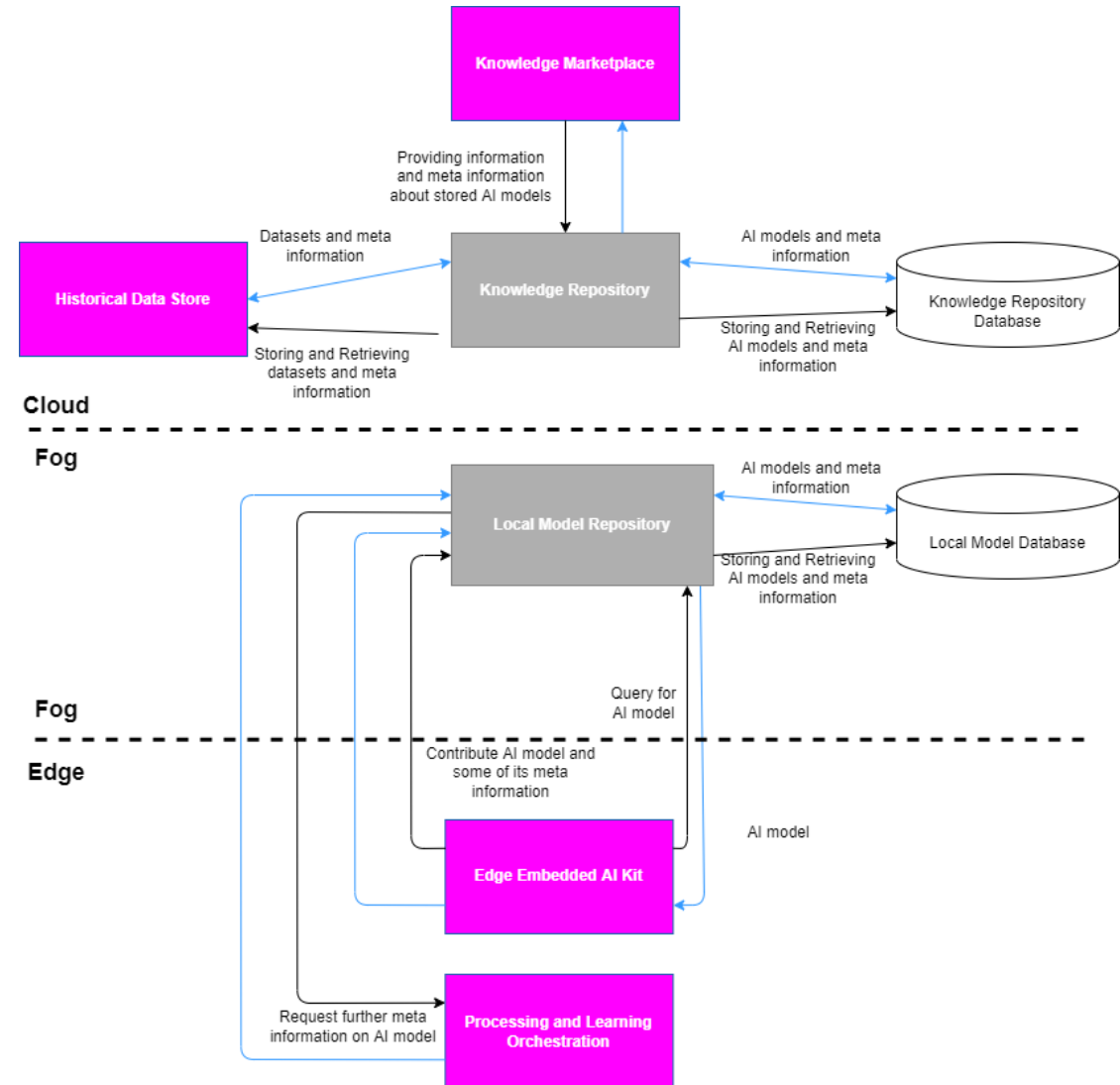
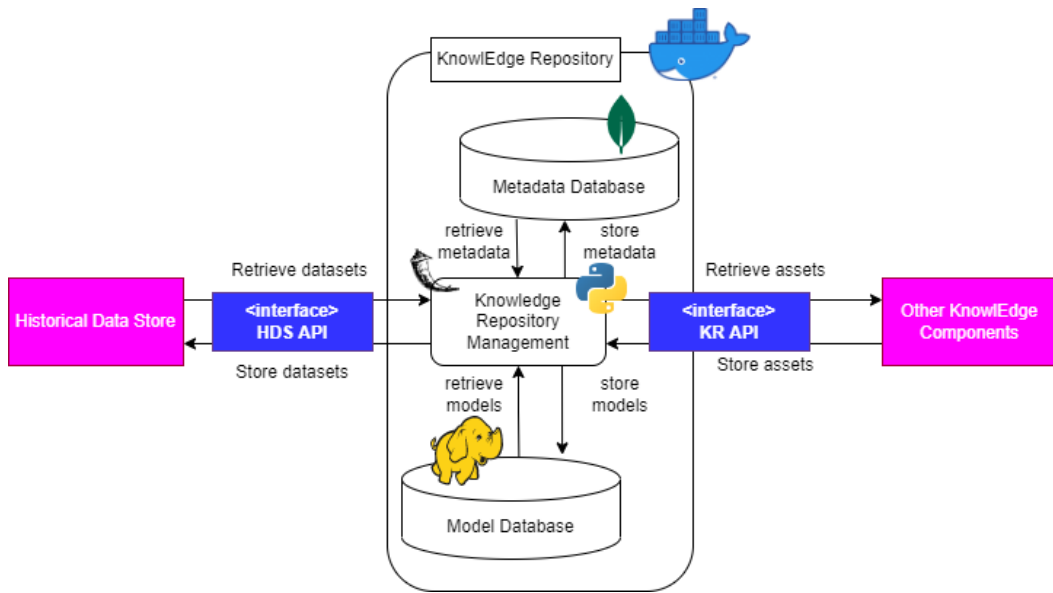


Search functionalities based on various features

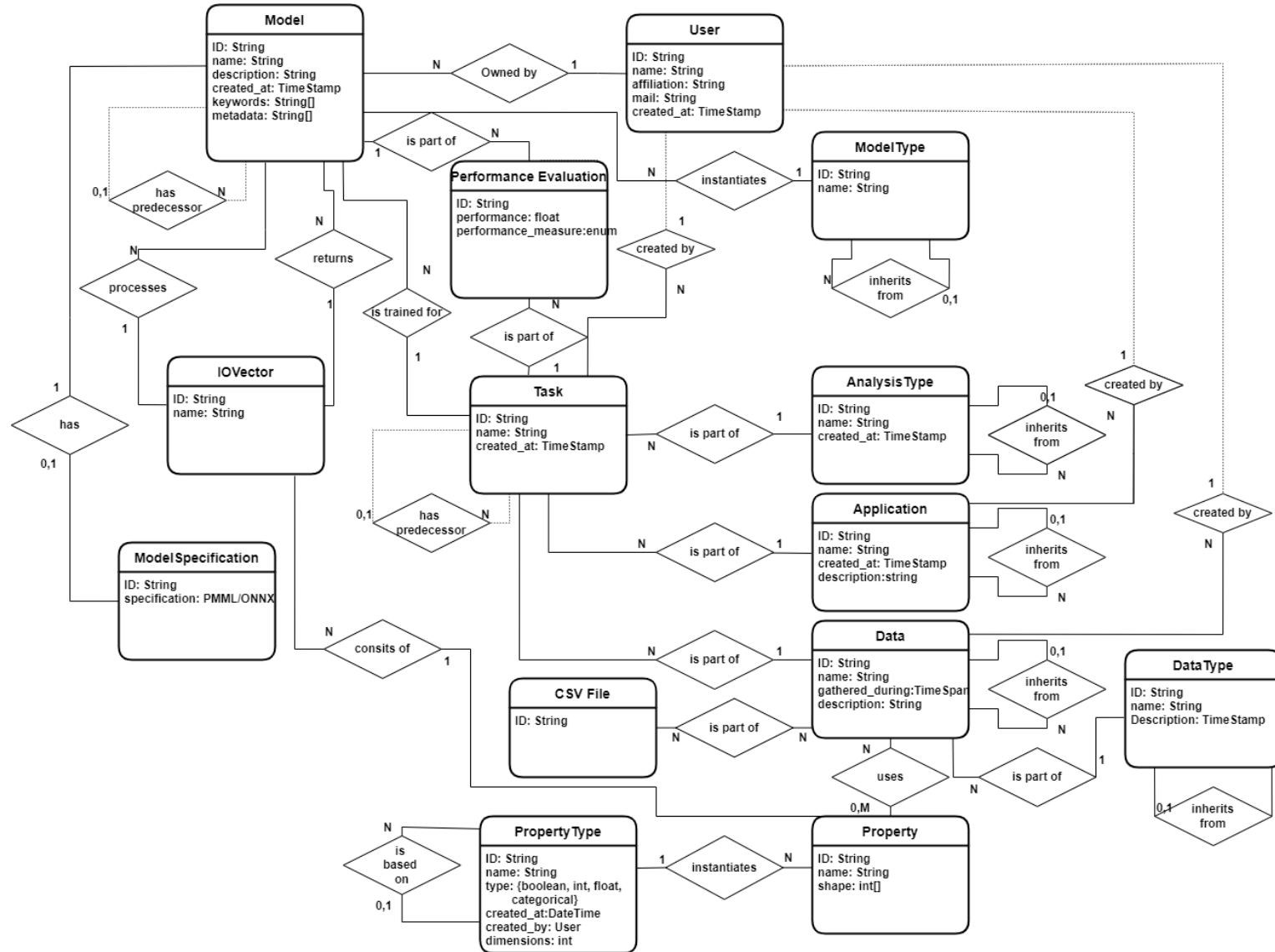


Reviews and Ratings

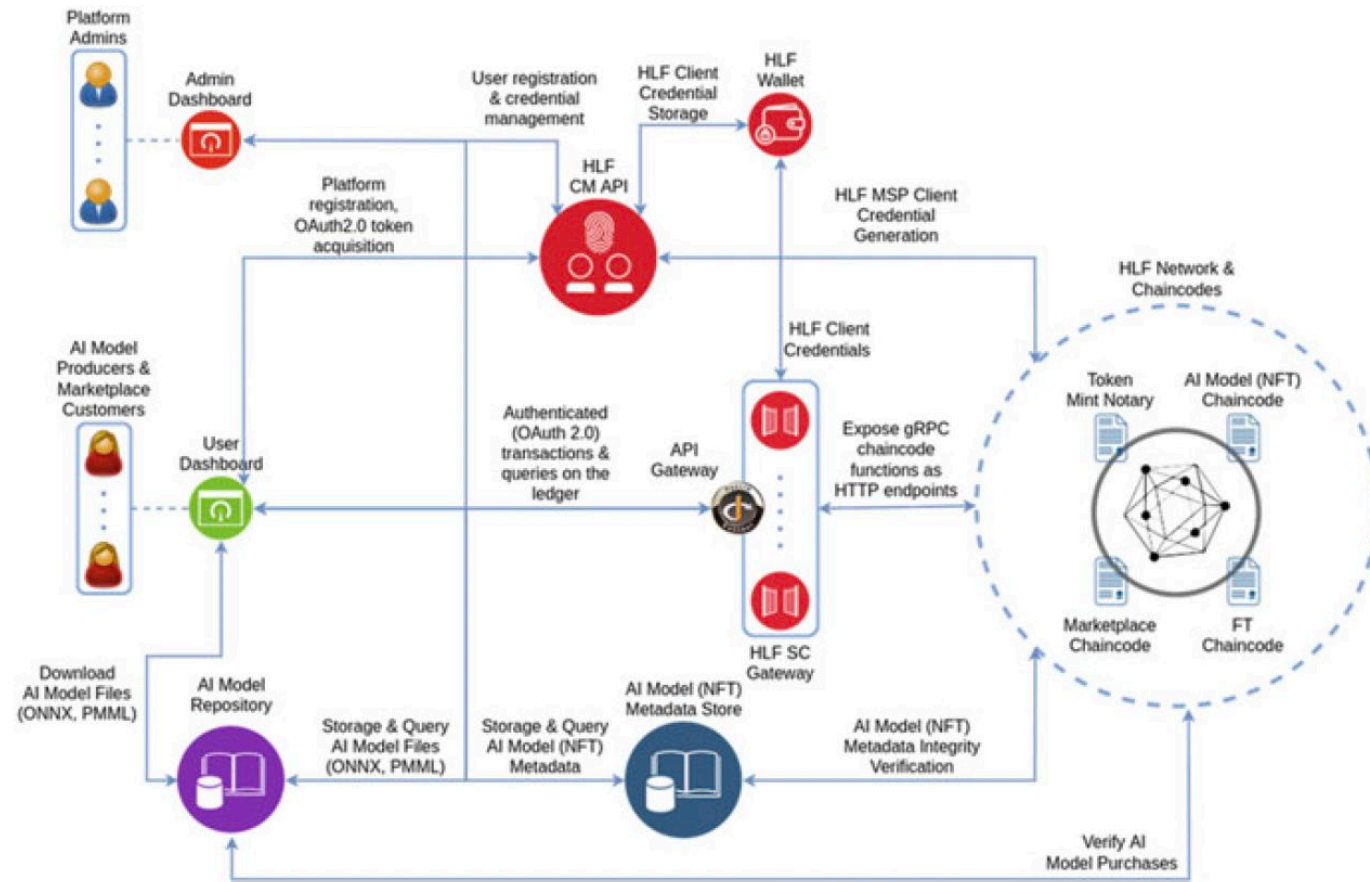
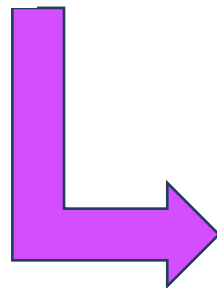
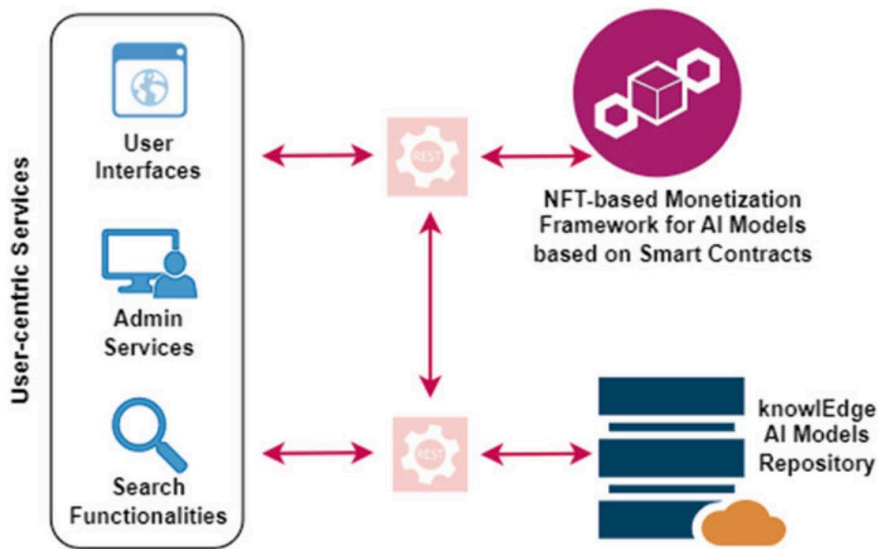
knowlEdge Repository Architecture(s)



knowlEdge Repository Ontology



knowlEdge Marketplace Architecture(s)



knowlEdge Marketplace - Demo

- Login as an AI developer
- Deploy an AI model

- Then login as a Data Scientist
- Explore available models and search functionalities
- Purchase a model



Community Management API

Username or email

Password

Sign In

Or sign in with

Verifiable Credential Verification Service



Open Discussion

Questions?