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Connect

Red Hat Openshift Data Science come piattaforma di MLOps

Creare e distribuire rapidamente modelli di AI/ML attraverso gli strumenti messi a disposizione da Red Hat Openshift Data Science

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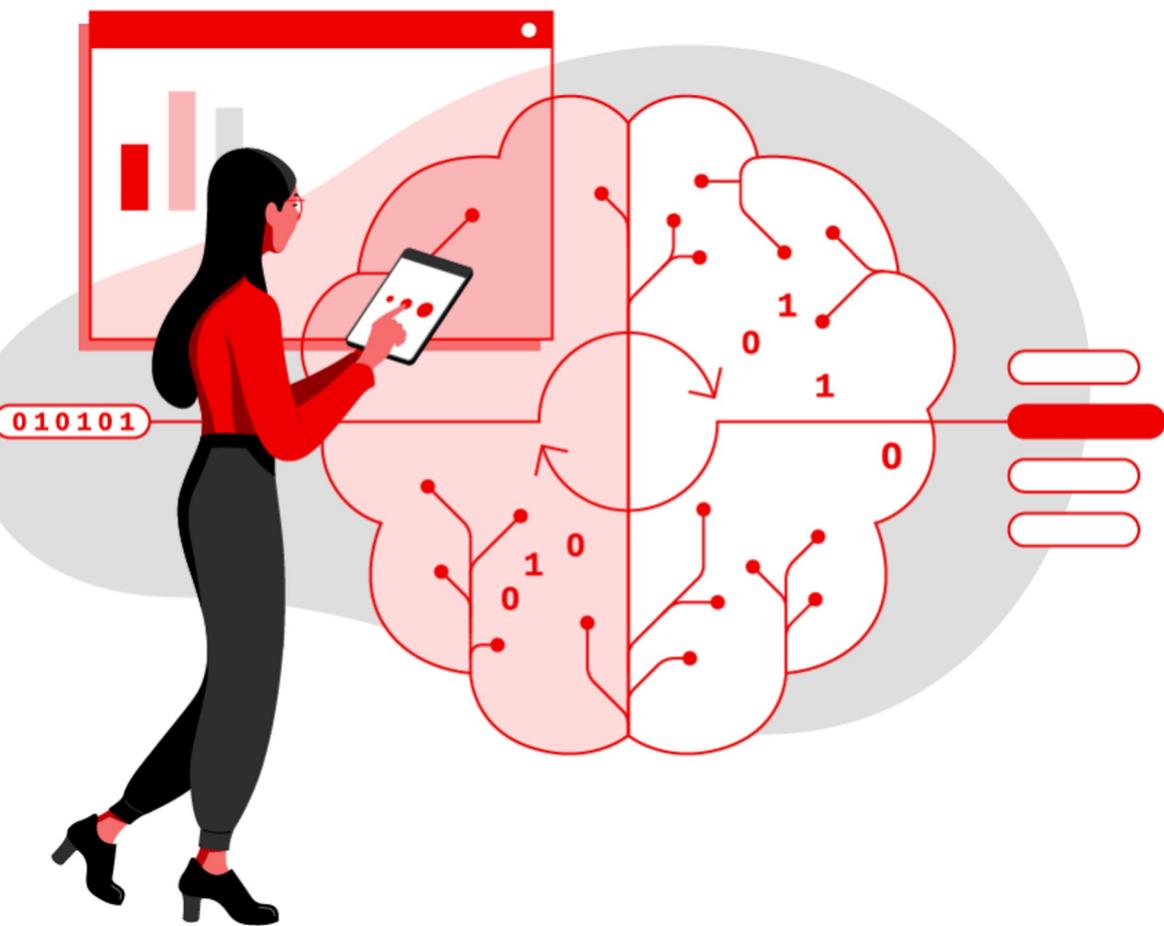
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Account Solution Architect
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Marco Caimi

Account Solution Architect
Red Hat





Red Hat OpenShift AI

An AI-focused portfolio that provides tools across the full lifecycle of AI/ML experiments and models and includes Red Hat OpenShift Data Science.

Red Hat OpenShift Data Science is a platform for building, training, testing, and deploying models optimized for hybrid cloud environments



Hybrid MLOps platform

Collaborate within a common platform to bring IT, data science, and application development teams together

Now general availability (GA) as fully managed cloud service and self-managed on-premise



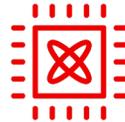
Model development

Conduct exploratory data science in JupyterLab with access to core AI/ML libraries and frameworks including TensorFlow and PyTorch using our notebook images or your own.



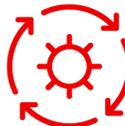
Model serving and monitoring

Deploy models across any cloud, fully managed, and self-managed OpenShift footprint and centrally monitor their performance.



Hardware acceleration

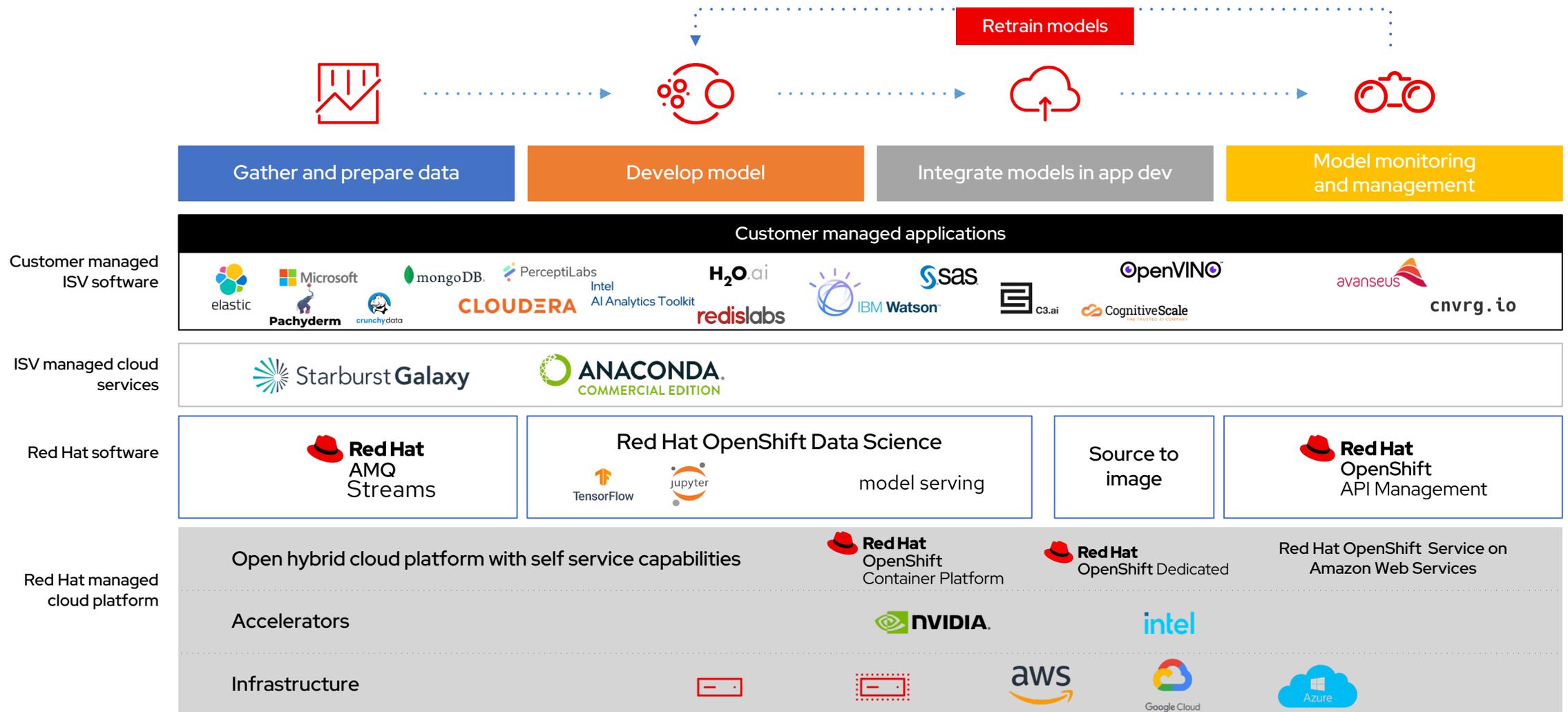
Accelerate your data science experiments through the use of CPU and GPU acceleration on Red Hat OpenShift.



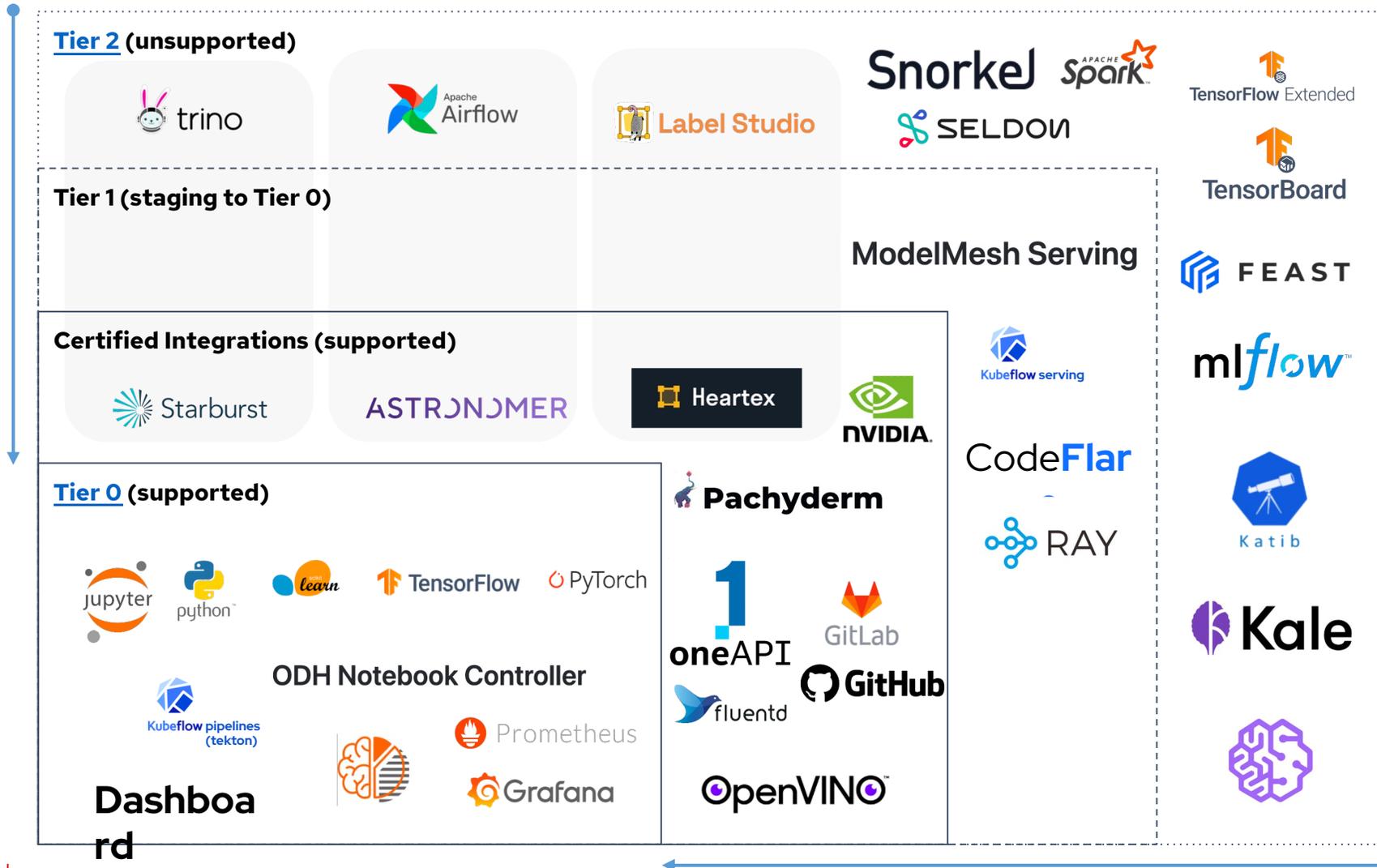
Partner ecosystem

Optional integrated ISVs to complement core platform capabilities with access to the full partner ecosystem with over 30 AI/ML technology partners.

Red Hat OpenShift Data Science components

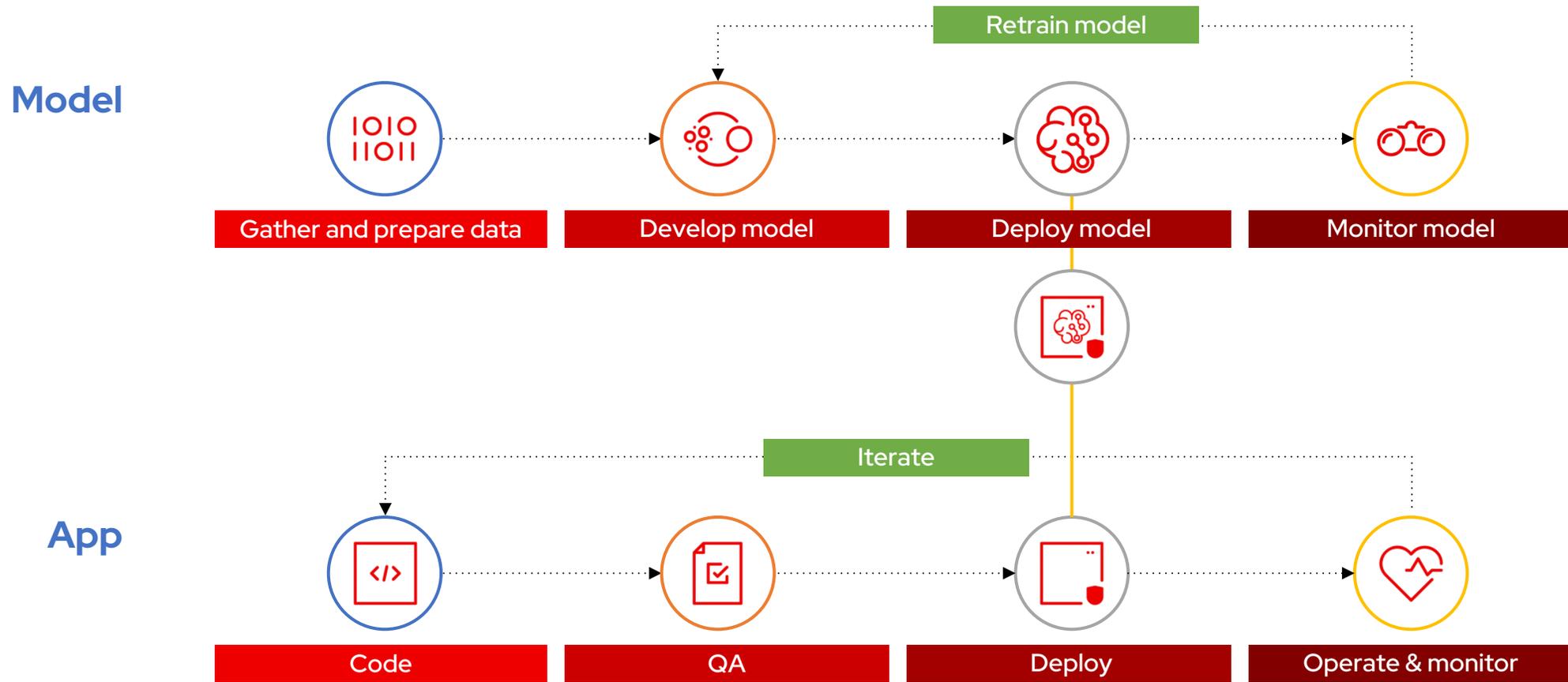


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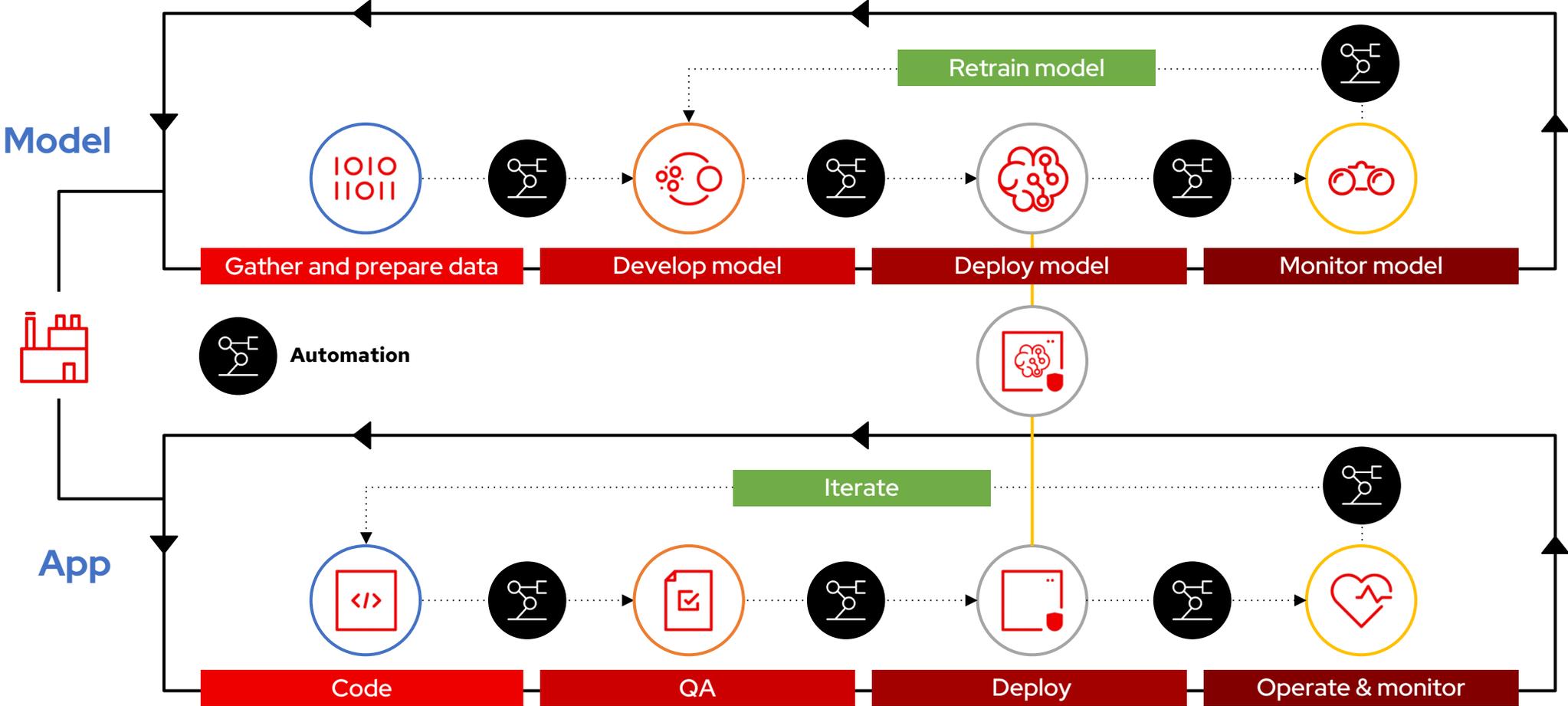


OpenShift Data Science Ecosystem

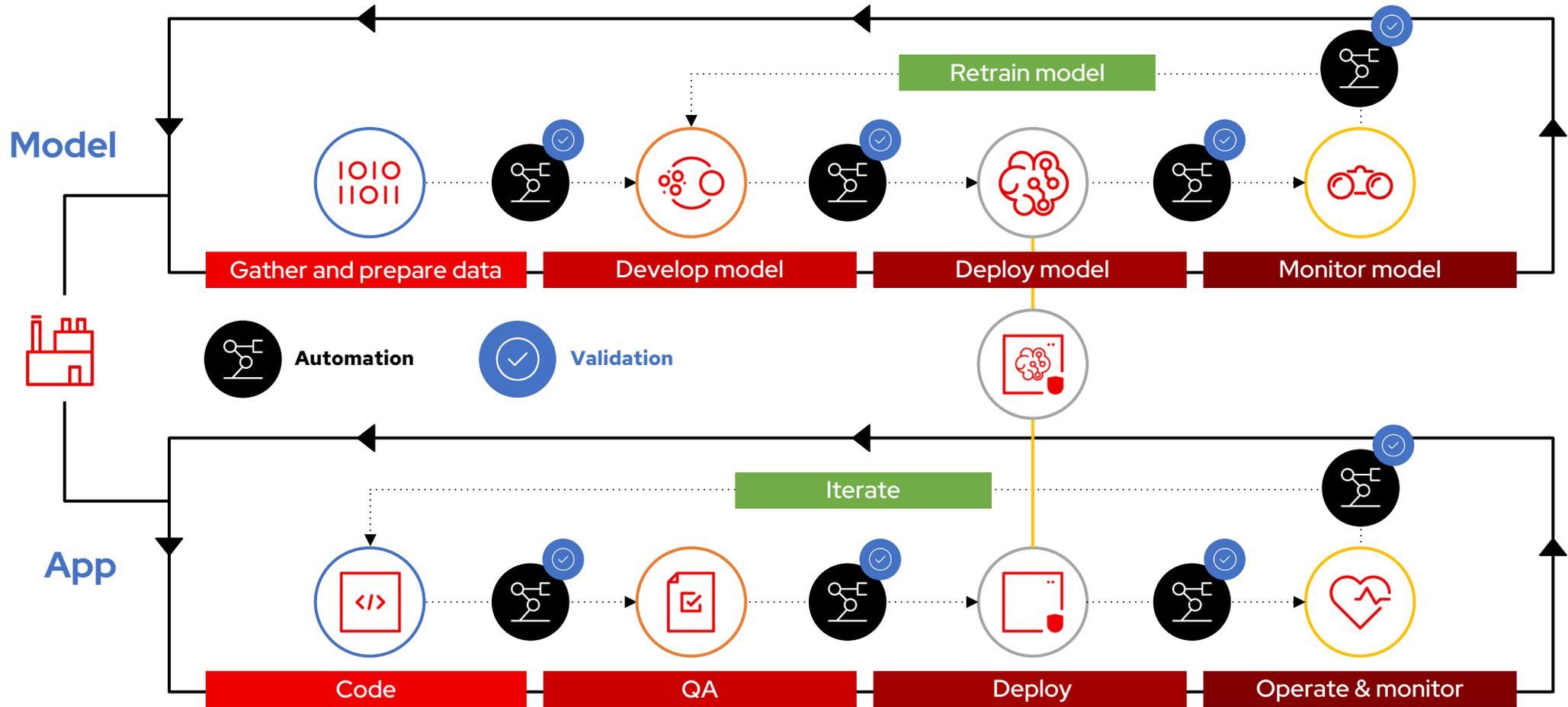
- Tier 0 (supported)
- Certified Integrations (mixed)
- Tier 1 (staging)
- Tier 2 (unsupported)



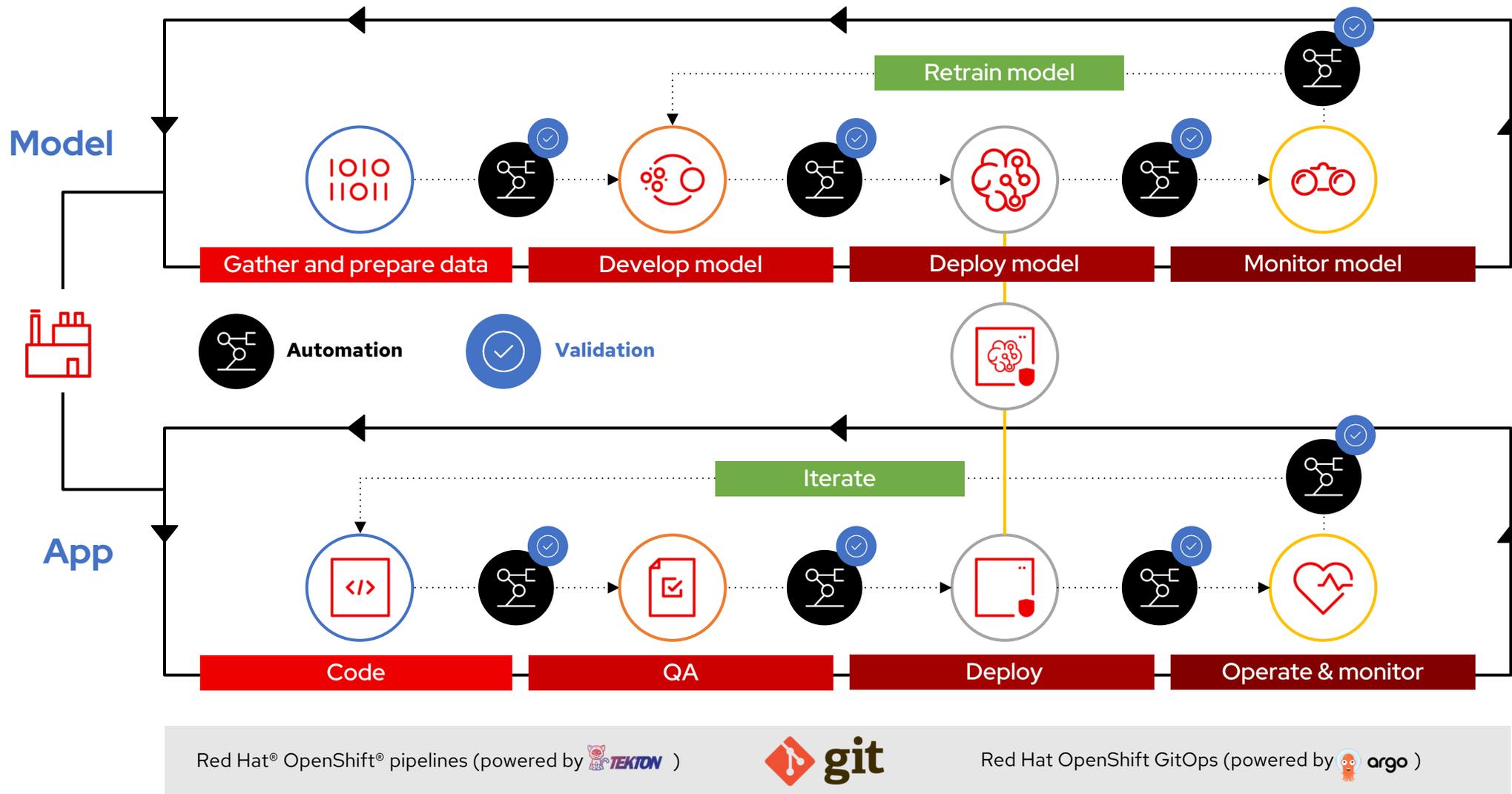
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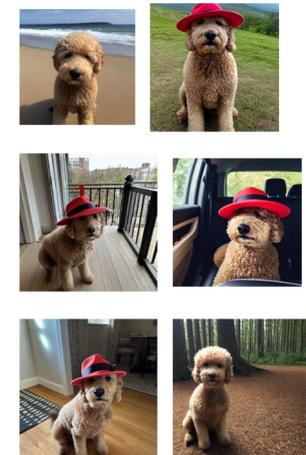
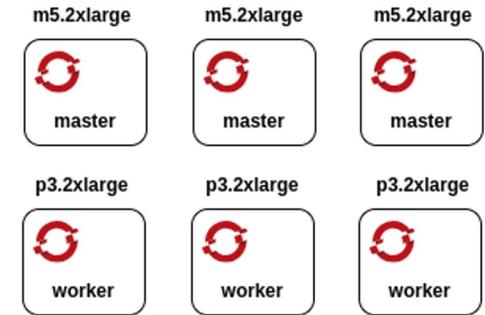
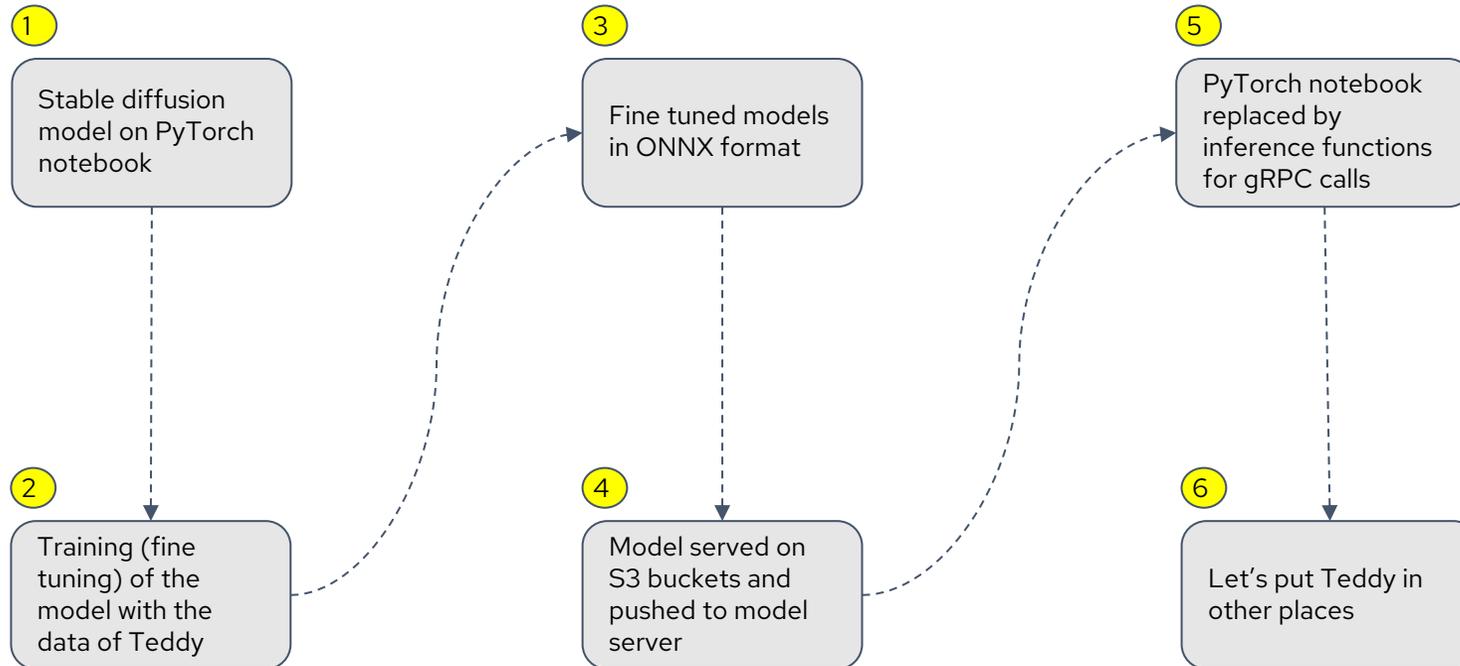
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The demo scenario

Experimentation with generative AI using a text-to-image model

I want to generate images of my dog, Teddy, by using short text descriptions (e.g.: show Teddy on the beach)



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