Struggling with the deployment of your ML models?

Set up a MLOps Pipeline

MLOps pipeline, an AWS-based data solution by Orange Business

During their data journey, companies may have implemented one or several AI & ML models in their business environment. The question of how to handle model(s) updates and deployment processes is then raised up. Integrating a MLOps pipeline will allow these companies to automate these very processes while keeping control and monitoring all their AI & ML applications.

Orange Business is offering an asset-based service, called MLOps pipeline. It goes with faster delivery and higher development quality than building it from scratch. Our pre-developed MLOps setup is using native tools from AWS ecosystem.

Presently, data science is a key stake for many companies. All advantages coming from deploying Machine Learning and Artificial Intelligence solutions are uncountable. However productizing such applications is time consuming and often requires an expertise not met internally nor externally.

When deploying Machine Learning models, most companies are struggling with a lack of automation in different key processes as the testing, the integration and the deployment of such models. All these difficulties are creating complexity to move from a Proof of Concept to a scalable and reliable deployment.

In order to tackle these challenges, Orange Business has developed a MLOps pipeline. It is an easily and quickly deployable solution built on AWS infrastructures aiming to automate the update of ML & AI models.

The AWS platform offers a great number of tools and components to build production-ready MLOps pipelines.

To unlock the power of these cloud native components a skilled team of experts is required. As Orange Business, we have the expertise as well as the asset of a ready-to-deploy MLOps setup. Our AWS certified experts will implement and customize to your needs our solution to bring you successfully to the end of your Machine Learning journey.

orange™ **Business**

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Kick-start the development of your MLOps AWS solution, with our asset-based service, instead of developing a pipeline from scratch.

Reduce time to go live

This asset-based service reduces the time necessary to go live by up to 60% (according to our tests using or not a MLOps pipeline blueprint).

State-of-the-art MLOps setup

A holistic and 100% AWS based approach for model training and model application into production as well as its testing.
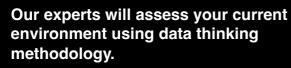
Ready to use MLOps setup

Ready to use technical asset with MLOps pipeline to automate & deploy every new Machine Learning / AI solution.

Increased MLOps quality

Tested solution reduces number of errors encountered during implementation and increases build quality as well.

As Orange Business we understand the complexity of deploying data driven services. Therefore we have created a delivery model which takes into accounts all your concerns and needs:

1 **Our experts will assess your current environment using data thinking methodology.**

2 **We deploy a first basic Machine Learning model in the pipeline, related to your business needs.**

3 **We extend this first solution by deploying new models and developing tailor-made features.**

Our MLOps pipeline is part of a wider portfolio
The Orange AI Accelerators

The usage and integration of Artificial Intelligence in current business ecosystems is unavoidable. It is therefore crucial to ensure that solutions can move quickly from a prototype to a viable product.

In order to overcome this challenge we designed solutions, that we named after their purpose to accelerate journeys to reach the goal of integrating AI solutions in current business processes: Orange AI Accelerators! This portfolio covers all layers of an AI platform, from AI infrastructure to AI & ML applications as well as business design and change management plan.

MLOps Pipeline

To automate the retraining, the deployment and the quality control of your Machine Learning models.

Learn more about our offer on the AWS marketplace - LINK

Data Mesh Framework

To enable a domain-driven data storage platform allowing your teams to be more business focused.

Learn more about our offer on the AWS marketplace - LINK

Computer Vision

An image or video recognition data science service improving quality control for your business.

Learn more about our offer on the AWS marketplace - LINK

Orange Business expertise

15 years of experience operating private, public and pan-European sovereign clouds

3,900 data and AI experts
2,600 cloud experts
2,500 Orange Cyberdefense experts
700 IoT experts
660 business & innovation consultants

Specific tools and technicians skilled in connectivity, multicloud networking, and security

Global reach and local care capabilities in 220 countries and territories

24 x 7 cloud support via 5 major service centers across the globe

Business practices with in-depth knowledge of **big data** and **analytics**, **AI**, **ML**, **IoT**

Extensive experience in designing, building, and running **digital infrastructure and cloud solutions**

Orange participates in the development of **European standards**, including GAIA-X, HLEG AI, 3IA, HLEG on AI

Orange Business is an **AWS Advanced Consulting Partner** with the AWS Direct Connect Service Delivery and detains the capacity to address AWS cloud transformation needs on a global scale

We provide a modular approach to managing your multicloud estate, so you choose the services most relevant to your business needs. We can integrate, operate and support your cloud applications 24/7. To find more about how we can help you get more value from your cloud estate, contact us here **https://cloud.orange-business.com/en/contact-ai-accelerators**.

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