

# xpresso.ai MLOps

Reducing the cycle time for development and delivery of AI/ML Solutions

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# Freedom from pain points during development and deployment of AI/ML solutions

In a typical enterprise working on cognitive business intelligence solutions, a number of analysts and data scientists working within different business areas are involved in the development and delivery of AI/ML applications and associated tools. This leads to a number of challenges:

## **Siloed work:**

There are different people working on the development with no mechanism of sharing and collaborating the developed work

## **Lack of scalable environment:**

Inability to transform the research to production with multiple and large datasets, thus limiting the users from using the full potential to develop strategies that are relevant to business

## **Reproducibility challenges:**

Unavailability of resources and consistent methods to track, trace and replicate the advanced analytical experiments at scale

The need for an integrated platform for advanced analytics where the teams would get the required space equipped with tools to experiment, discover, share, and deliver insights is fulfilled by the UST xpresso.ai platform

## **xpresso.ai**

### **AI Application Lifecycle Management Platform**

End-to-end enterprise-grade platform for data scientists to manage the entire AI/ML application development lifecycle.

#### **Scale efficiently**

Obscure complexity of all the building blocks of the AI/ML Application lifecycle: data management, model management, experiment orchestration, and deployment management.

#### **Streamline MLOps**

Manage & scale the platform to meet your needs, cloud or on-premise. Build a customized, automated data pipeline for experiments, elastic computing, and complete integration to enterprise systems.

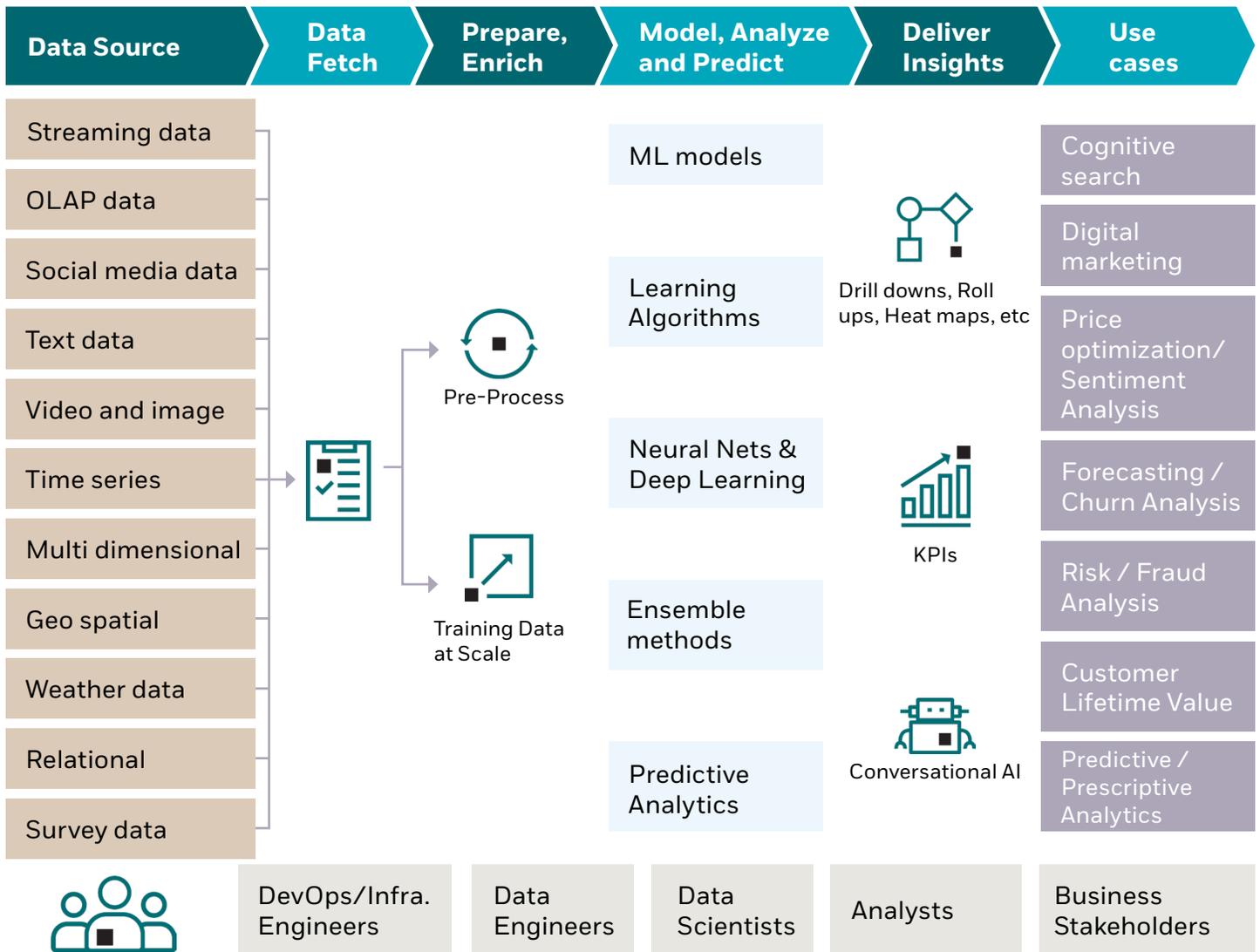
#### **Integrate Data Science & Engineering**

Empowers team to leverage models created by data scientists with unprecedented ease and accessibility. Seamless handoff to engineering teams to productionize models.

#### **Reduce costs**

Empower data scientists and development teams to be more productive. Complete tasks in less time, and focus on the models that brings the highest ROI.

# Solution model



## Capabilities and benefits

-  Fully hosted containerized environment with no manual setup
-  Dedicated compute and storage, ensuring that multiple users could share the platform
-  Streamlined MLOps and distributed training with complete automation of DevOps
-  Collaboration and knowledge sharing between teams with centralizer control center
-  Support for different productivity tools and coding language environments
-  Pre-configured notebooks with all the necessary internal and external libraries
-  Track data, models and experiments
-  Integrated workflow management and visualization tools

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