

MLOps and its Advantages

MLOps is a set of practice that brings in Continuous Integration (CI), Continuous Development (CD) and Continuous Training (CT) for machine learning systems.

Advantages:

Model Management :

Manage and use different versions of models

Model Provenance :

Trace the lineage of a model from training data to production data

Minimum downtime :

Seamless rollout of new models

Higher confidence with low errors :

MLOps follows automated testing and validations resulting in higher confident results

Improved collaboration :

MLOps permits multiple teams to collaborate and improve the model development speed

Regulatory compliance :

Ability of the MLOps systems to reproduce compliant model

