PACE - ML

Mphasis MLOps Framework
& Methodology

PACE-ML – MLOPS FRAMEWORK AND METHODOLOGY

PACE - ML is Mphasis Framework for machine learning development and deployment. It is a combination of Mphasis proprietary tools and methodologies along with best in-class third-party as well as open-source tools. It empowers data scientists and app developers to help bring ML models to production faster and at scale.
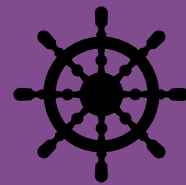
PACE – ML improves efficiency and streamline the management of model selection, reproducibility, versioning, auditability, explainability, packaging, re-usability, validation, deployment & monitoring.

Skill Development
Learning, Training & Certifications

ML Assessment

Project Set-up
Requirements, feasibility, trade-offs

Collaboration & Pipelines
Notebooks, Tracking

Data Preparation & Feature Engineering
Automation

Model Training & Development
Experiment Tracking, Explainability

Testing
ML related testing

Deployment
Automated deployment, retraining Disaster Recovery

Production
Drift Detection, Retest, Monitoring

Machine Learning, Deep Learning, Experiments, Tracking, Collaboration, Automation, Testing, Operations, Metrics

PACE-ML Benefits

Reduce development time with the toolchain and automation
Faster turn-around-times with one touch deployment
Overall TAT improvement by up to 80%

Improved governance with audit trails, automated checks and monitoring
Enhanced collaboration of the project stakeholders with lesser rework and quality issues

Avoid model performance degradation with drift detection
Proactive testing of biases and issues with global and local explainability

THANK YOU

About Mphasis

Mphasis (BSE: 526299; NSE: MPHASIS) applies next-generation technology to help enterprises transform businesses globally. Customer centricity is foundational to Mphasis and is reflected in the Mphasis' Front2Back™ Transformation approach. Front2Back™ uses the exponential power of cloud and cognitive to provide hyper-personalized (C=$X2C^2_{-1M}$=1) digital experience to clients and their end customers. Mphasis' Service Transformation approach helps 'shrink the core' through the application of digital technologies across legacy environments within an enterprise, enabling businesses to stay ahead in a changing world. Mphasis' core reference architectures and tools, speed and innovation with domain expertise and specialization are key to building strong relationships with marquee clients. Click here to know

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