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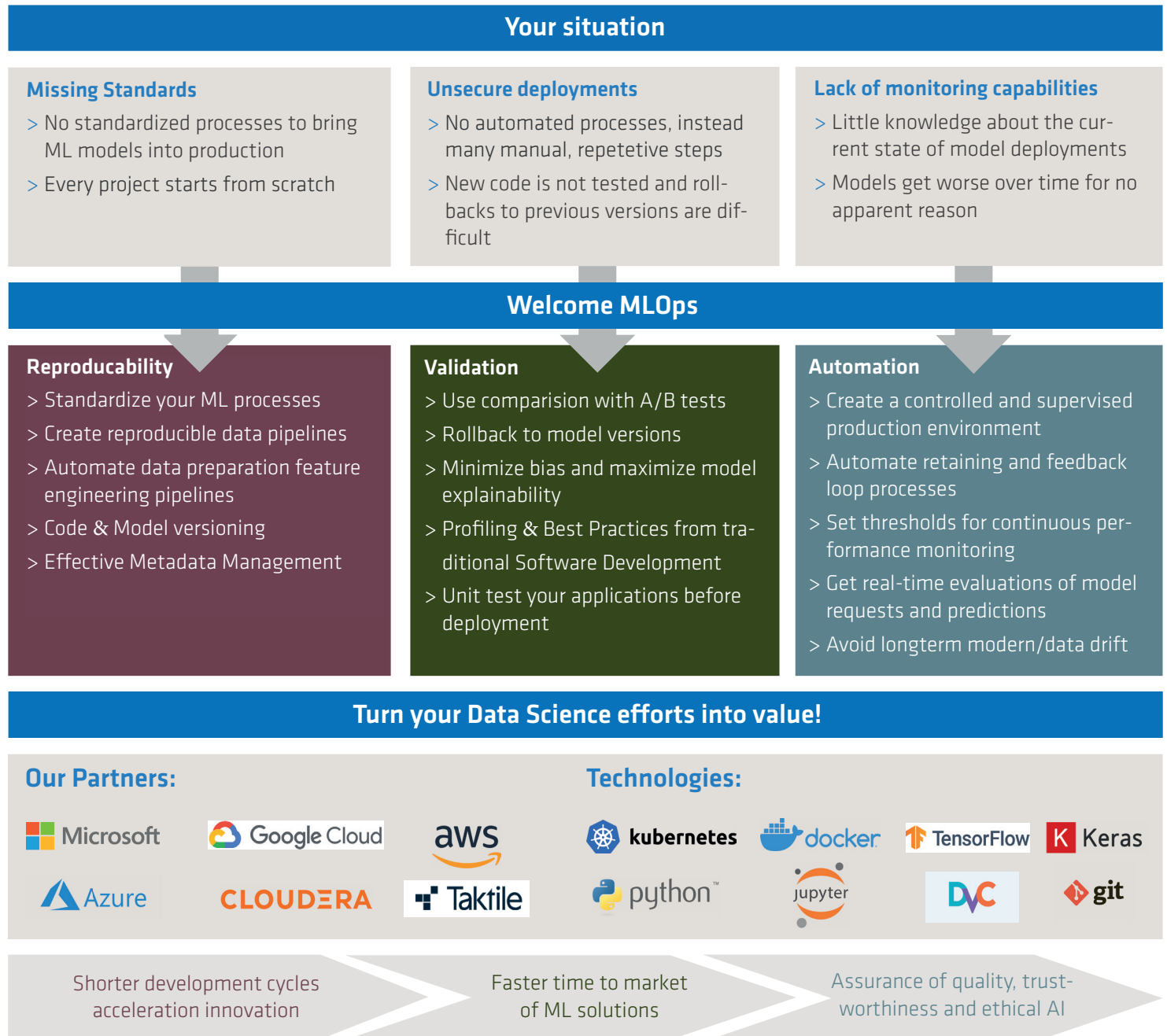**adesso** | business. people. technology.

Using MLOps (Machine Learning Operation) methods, your Data Science team can create more value in a shorter time.

Manage your Machine Learning Lifecycle with MLOps best practices:

Your situation

Missing Standards
> No standardized processes to bring ML models into production
> Every project starts from scratch

Unsecure deployments
> No automated processes, instead many manual, repetetive steps
> New code is not tested and roll-backs to previous versions are difficult

Lack of monitoring capabilities
> Little knowledge about the current state of model deployments
> Models get worse over time for no apparent reason

Welcome MLOps

Reproducability
> Standardize your ML processes
> Create reproducible data pipelines
> Automate data preparation feature engineering pipelines
> Code & Model versioning
> Effective Metadata Management

Validation
> Use comparision with A/B tests
> Rollback to model versions
> Minimize bias and maximize model explainability
> Profiling & Best Practices from traditional Software Development
> Unit test your applications before deployment

Automation
> Create a controlled and supervised production environment
> Automate retaining and feedback loop processes
> Set thresholds for continuous performance monitoring
> Get real-time evaluations of model requests and predictions
> Avoid longterm modern/data drift

Turn your Data Science efforts into value!

Our Partners:
Microsoft
Google Cloud
aws
Azure
CLOUDERA
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Technologies:
kubernetes
docker
TensorFlow
K Keras
python
jupyter
DVC
git

Shorter development cycles acceleration innovation

Faster time to market of ML solutions

Assurance of quality, trustworthiness and ethical AI

Do you have any questions?

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Your success is our service!

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RADAR
AI-related Services in Germany
overall results
Excellent