

TILTing Perspectives 2024

Democratizing AI Through Continuous Adaptability: The Role of DevOps

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Contestability

(Alfrink et al., 2022)

Contestability

Autonomy, democratic agency, legitimation

(Peter, 2020 in Rubel et al., 2021,
Himmelreich, 2022)

Contestability

**Relations,
monitoring,
revisability**

(Alfrink et al., 2024)

AI systems

Post-deployment malleability— feedback-ladenness

(Gilbert et al., 2023)

DevOps (MLOps)

and *matters-of-concern*

(Geiger et al., 2023,
Lampland & Star, 2009)

Traditional MLOps Metrics

(Phan, 2020)

Drift

Expanding DevOps for contestability

Example 1

Camera Cars

Example 2

EV Charging

DevOps as sociotechnical leverage point for democratizing AI

CAMS: Culture, Automation,
Metrics, Sharing (Smith, 2020)

**How DevOps contributes
to contestability
Relations,
Monitoring,
Revisability**

This panel's theme

The mutual shaping of democratic practices & AI

1. Legitimation
2. Representation
3. Contestation

(Henin & Le Métayer, 2022, Scott, 2023,
Genus & Stirling, 2018)

Thank you!

Questions?

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