

## Dimension

### Manual / siloed

### Governed / scalable

Transformation logic

Custom scripts per project

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Centralized, reusable recipes

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Documentation

Informal or absent

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Automated lineage and audit trails

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Collaboration

Individual contributor

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Cross-team with shared standards

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Quality assurance

One-time pre-deployment check

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Continuous monitoring in production

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Reproducibility

Depends on original author

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Version-controlled, repeatable

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AI readiness

Data re-prepared for each model

Governed datasets feed multiple models