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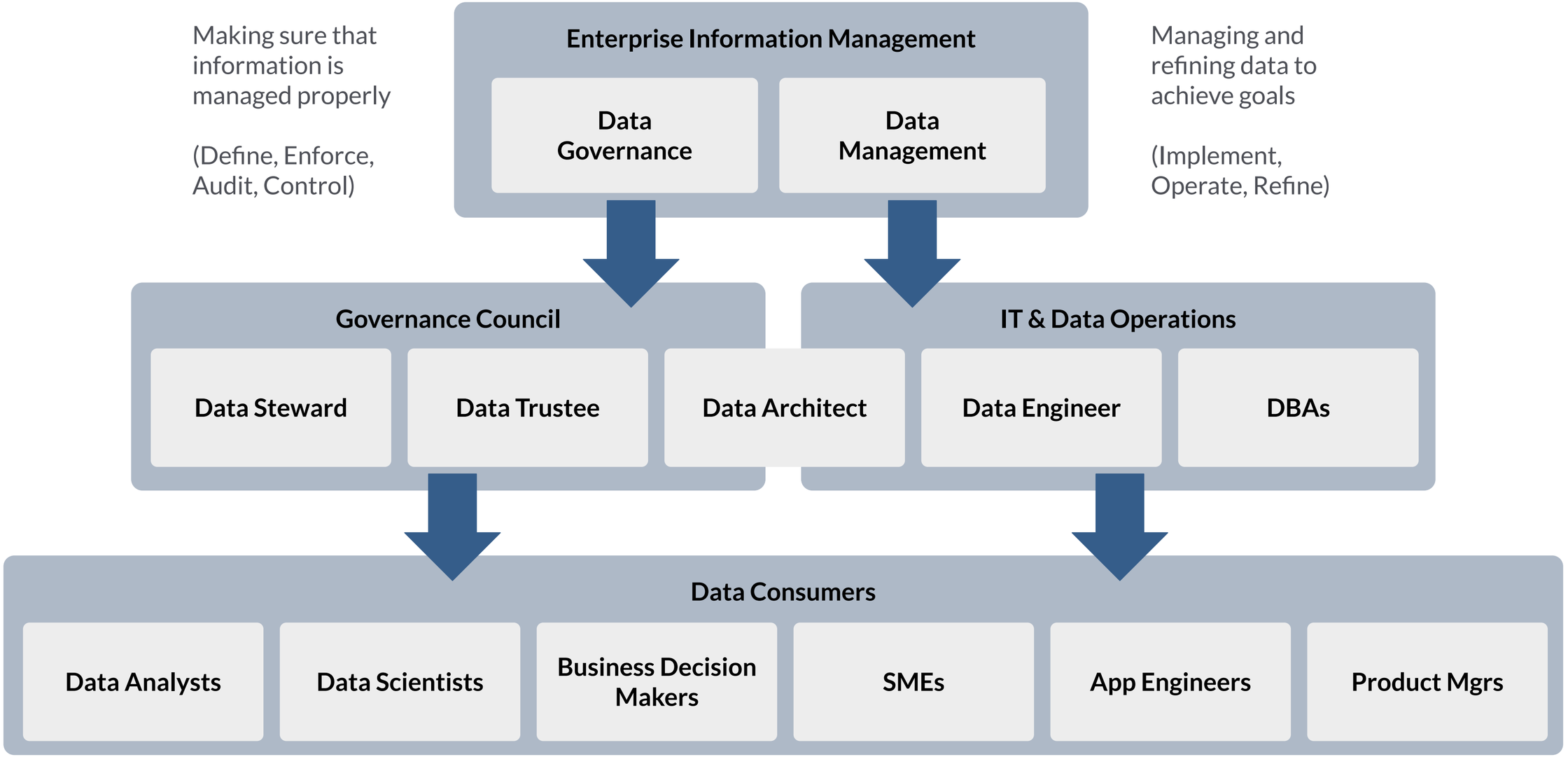
Agile Data Governance in Action

The traditional model

Making sure that information is managed properly

(Define, Enforce, Audit, Control)



Managing and refining data to achieve goals

(Implement, Operate, Refine)

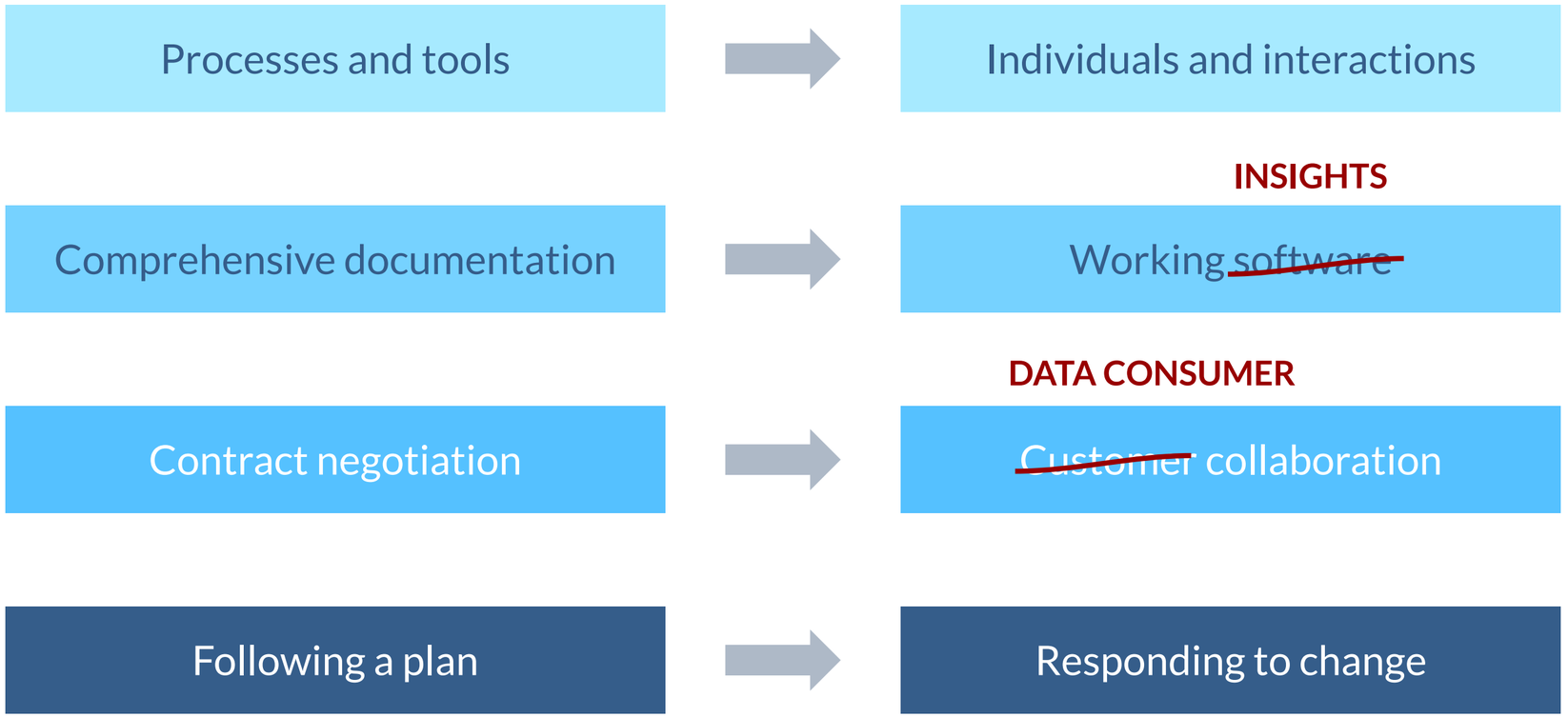
Time to work together...

What is Agile Data Governance?

The process of creating and improving data assets by **iteratively capturing knowledge as data producers and consumers work together** so that everyone can benefit.

It adapts the deeply proven **best practices of Agile and Open software development** to data and analytics.

Agile Software Development → Agile Data Governance



A different approach...

Metadata Management

Data Integration

Visibility	Understanding	Access	Curation	Impact
Automated Inventory All data sources ML-assisted organization	**Glossary & Dictionary** Meaning and data linked Collaborative	**Virtualization & Federation** Cross data source query Data remains in place	**Library & Pipelines** Derived datasets Visibility into pipelines	**Projects & Insights** Catalog of analysis work Rich collaboration

Agile Data Governance

Last Mile Governance

Let’s get to the demos!

Agile Data Governance Demo Themes

1. Make it easy for *everyone* to find, understand and contribute to the metadata
2. Enable the data consumer to explore the actual data whenever feasible
3. Promote the value of data work in progress and reap the rewards of reuse
4. Measure and audit everything

Demo #1

Make it easy for everyone to find, understand and contribute to the metadata

Demo #2

Enable the data consumer to explore the actual data whenever possible

Yes, *controlled* access to the data.

Demo #3
Promote the value of data work in progress
and reap the rewards of reuse

Pro tip: You cannot reuse data work that you do not understand

Demo #4

Measure and audit everything

To Summarize ...

Keep the bar for participation low

Don’t just build a metadata museum if you want broad adoption

Provide the right capabilities for contribution, collaboration, and exploration

Measure and audit how data is being searched for, queried, accessed, updated, and more

Thanks for attending!

Reach out to me at mo.dodge@data.world.
For more information about us, visit data.world.