



Starting off on the right foot with Data Engineering in Microsoft Fabric

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Sponsors & Organizers



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About me

Solution Architect, Data & AI @ iCubed srl, part of Lodestar

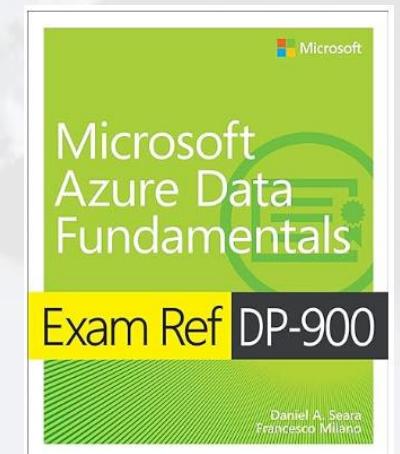
Working with SQL Server since 2005 edition

Working with Azure Data Platform since 2012

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Agenda

- Key points of Microsoft Fabric
- High level overview
- Workloads
- Compute engines
- Demo
 - Fabric UI
 - Data Factory
 - Data Warehouse & Lakehouse
 - Ingestion options
- Q&A

Key points of Microsoft Fabric



Integrated development platform

Offers tools for application development, process automation, and data analysis.



Connectivity & integration

It easily integrates with other Microsoft applications and services, such as Azure and Office 365.



Collaboration & productivity

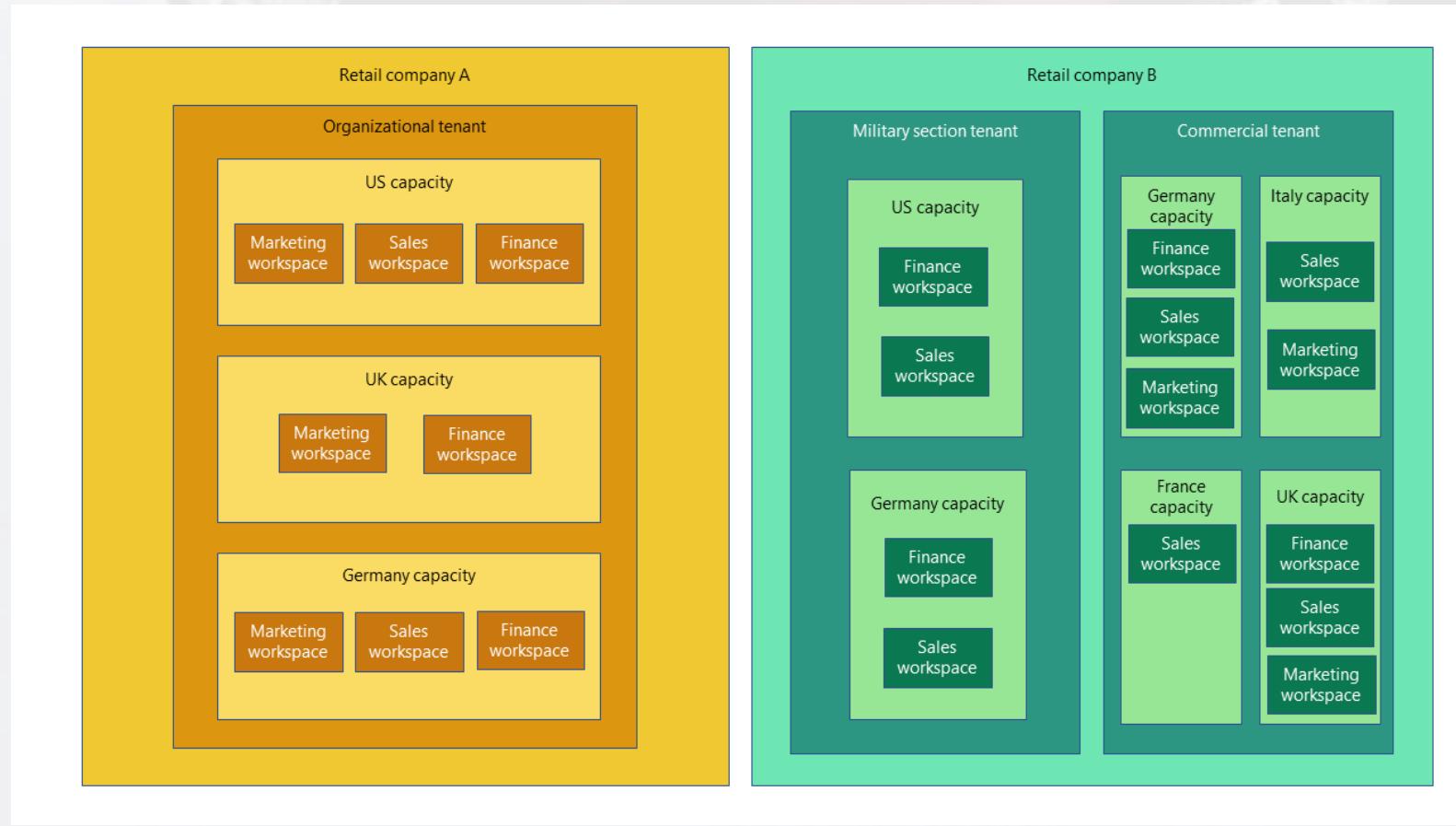
Foster cross-team collaboration with project sharing and management capabilities.



Security & compliance

It ensures high levels of security and compliance with corporate and legal regulations.

High level overview



Workloads

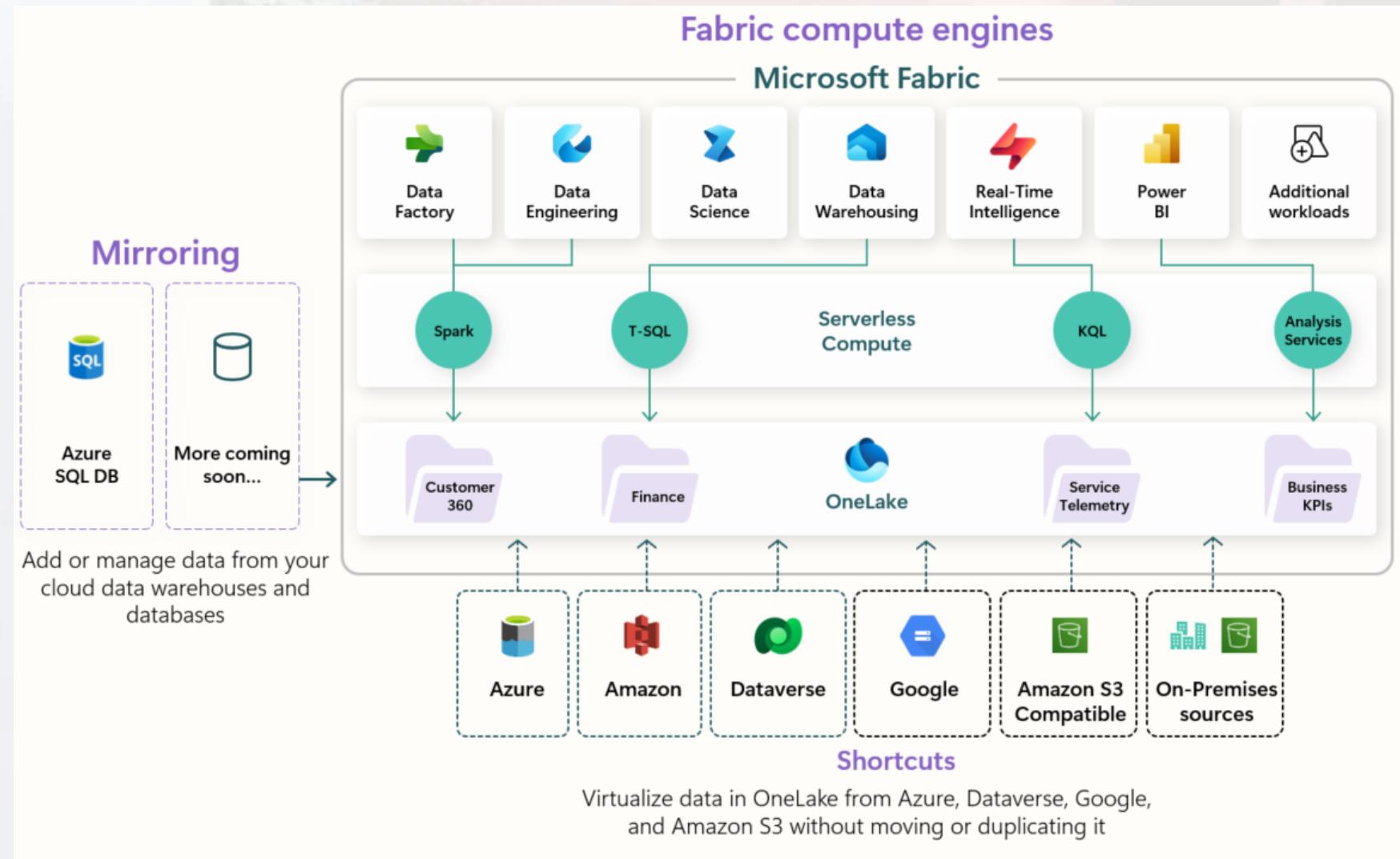
The image shows the Microsoft Fabric landing page. At the top is the Microsoft Fabric logo, which consists of a stylized green and blue 'F' icon followed by the text "Microsoft Fabric". Below the logo is a grid of seven boxes, each representing a different workload:

- Data Factory (green plus sign icon)
- Data Engineering (blue circular icon)
- Data Warehouse (blue house icon)
- Data Science (blue 'Z' icon)
- Real-Time Intelligence (red lightning bolt icon)
- Power BI (yellow bar chart icon)
- Partner & Industry workloads (dashed box containing a blue plus sign and document icon)

Below the grid are three additional sections:

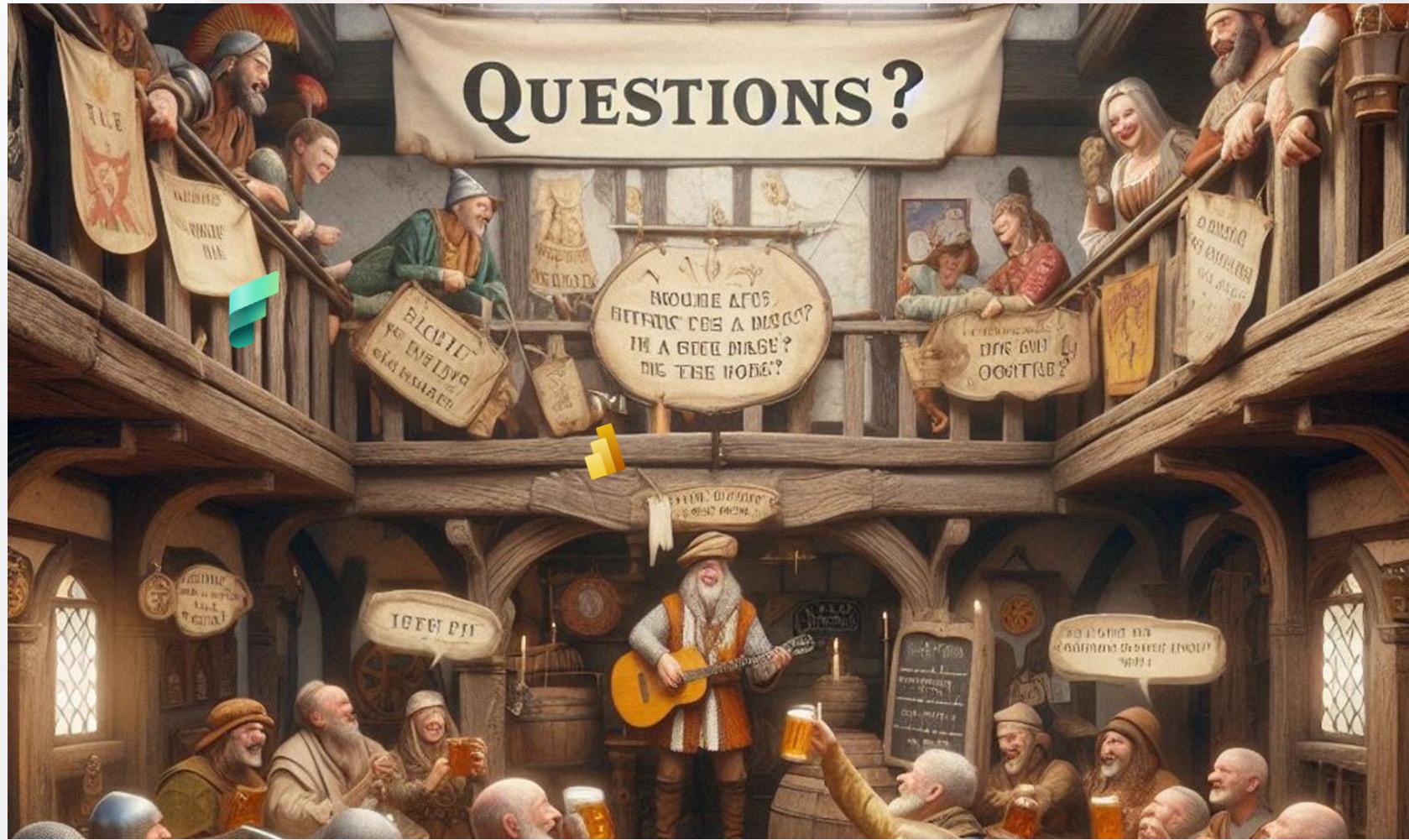
- Copilot in Fabric (with a Copilot icon)
- OneLake (with a blue globe icon)
- Microsoft Purview (with a blue triangle icon)

Compute engines





Demo time!



Resources

- [What is Microsoft Fabric - Microsoft Fabric | Microsoft Learn](#)
- [Microsoft Fabric terminology - Microsoft Fabric | Microsoft Learn](#)
- [Microsoft Fabric concepts - Microsoft Fabric | Microsoft Learn](#)
- [Microsoft Fabric - Pricing | Microsoft Azure](#)
- [Blog su Microsoft Fabric](#)