



# EUROPEAN **Mi**CROSOFT **FABRiC**

Community Conference

STOCKHOLM 24-27 SEPTEMBER 2024

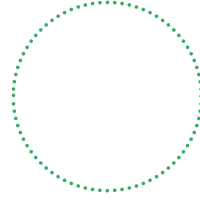
JOIN THE CONVERSATION

#FABCONEUROPE



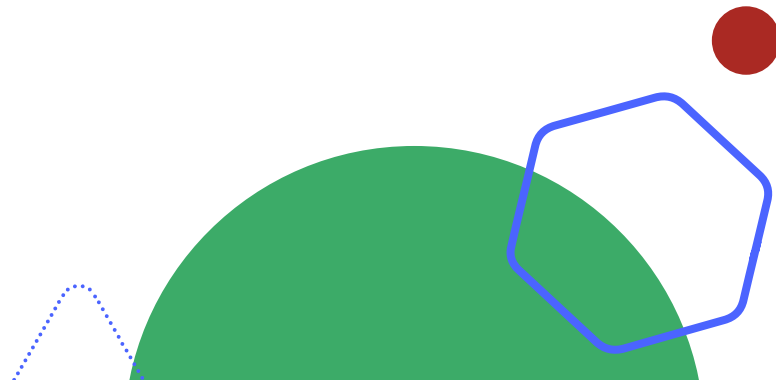


**ADVANCING  
ANALYTICS**



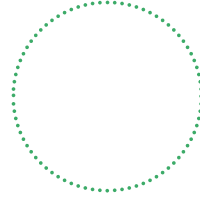
# Data Sharing without the USB sticks

An introduction to External Data Sharing





**ADVANCING  
ANALYTICS**



# CRAIG PORTEOUS

## Associate Head of Data Engineering



<https://craigporteous.com>



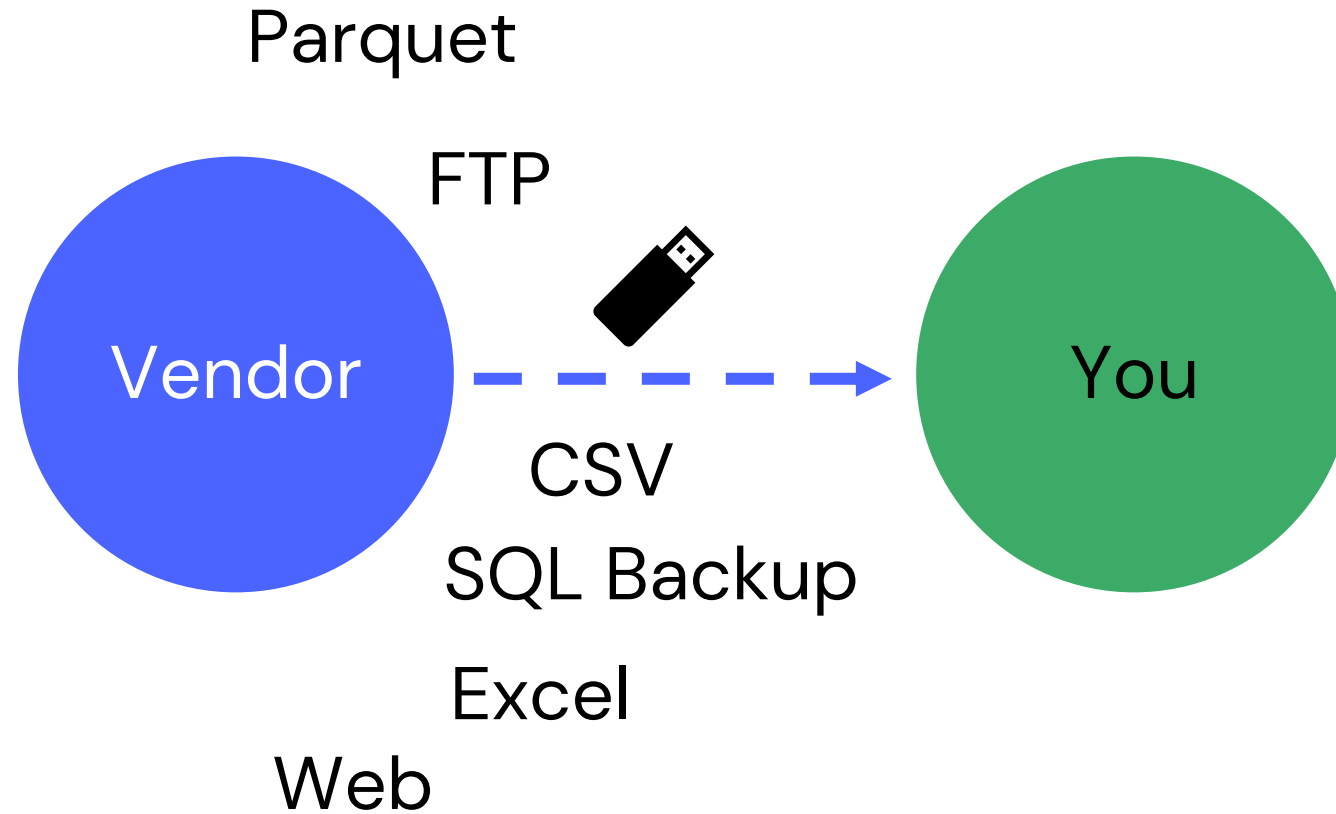
@cporteous



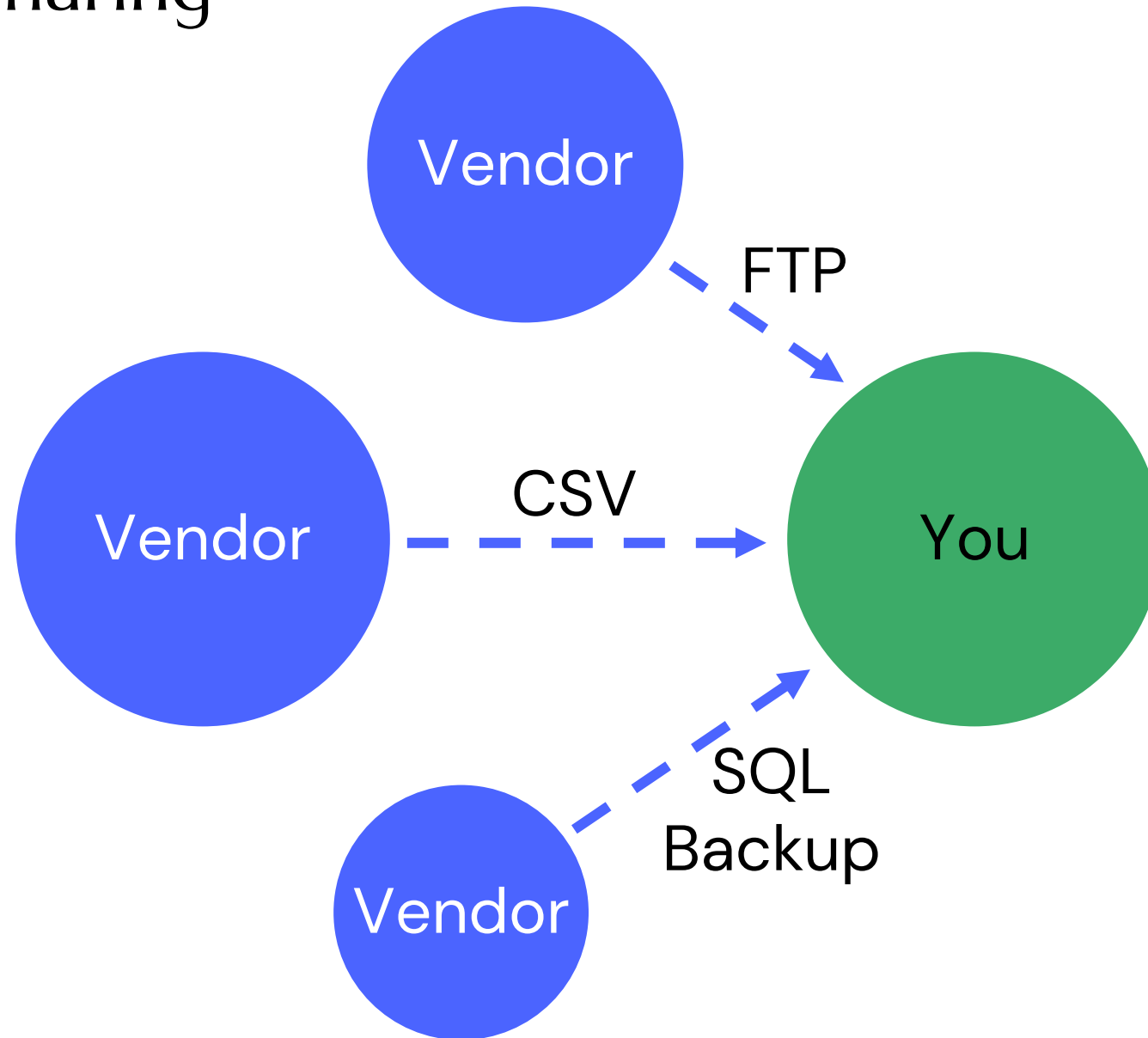
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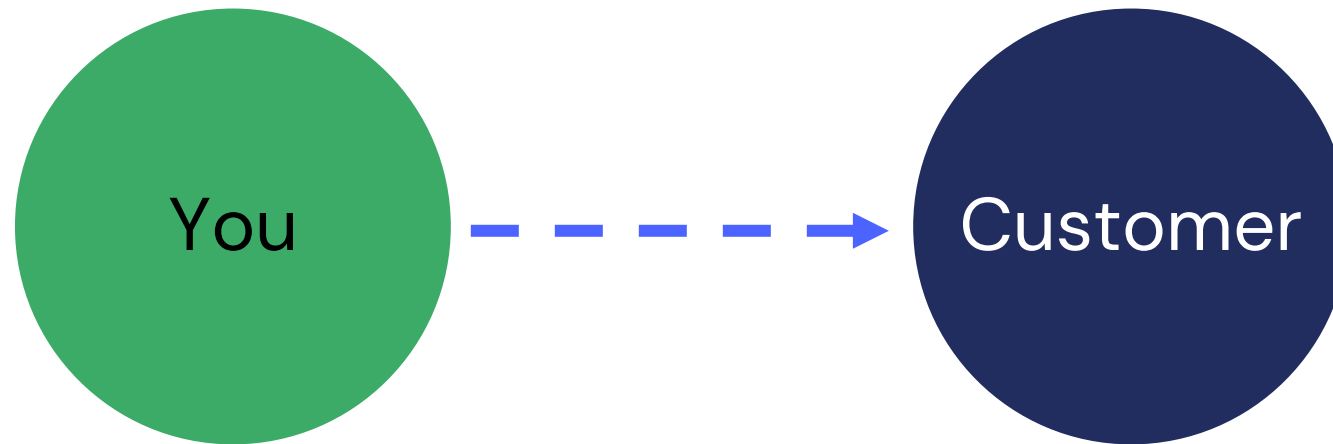
# Legacy Data Sharing



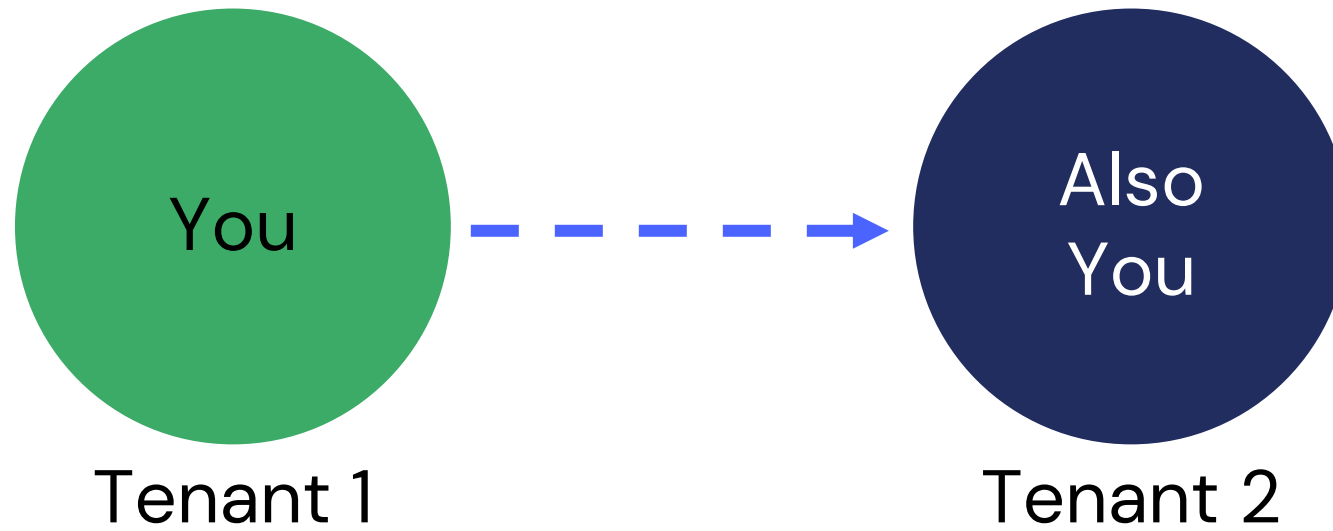
# Legacy Data Sharing



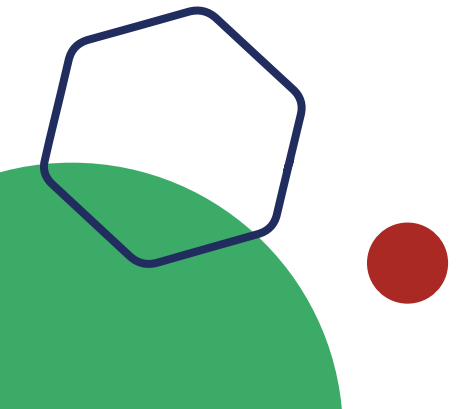
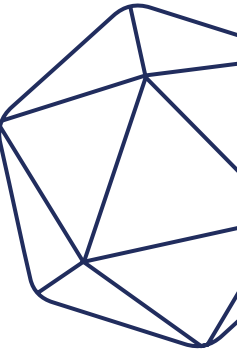
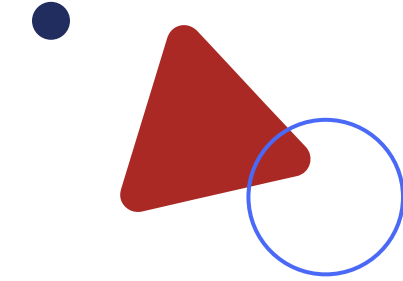
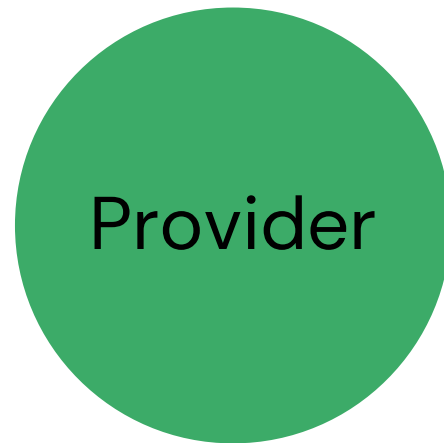
# Legacy Data Sharing



# Legacy Data Sharing

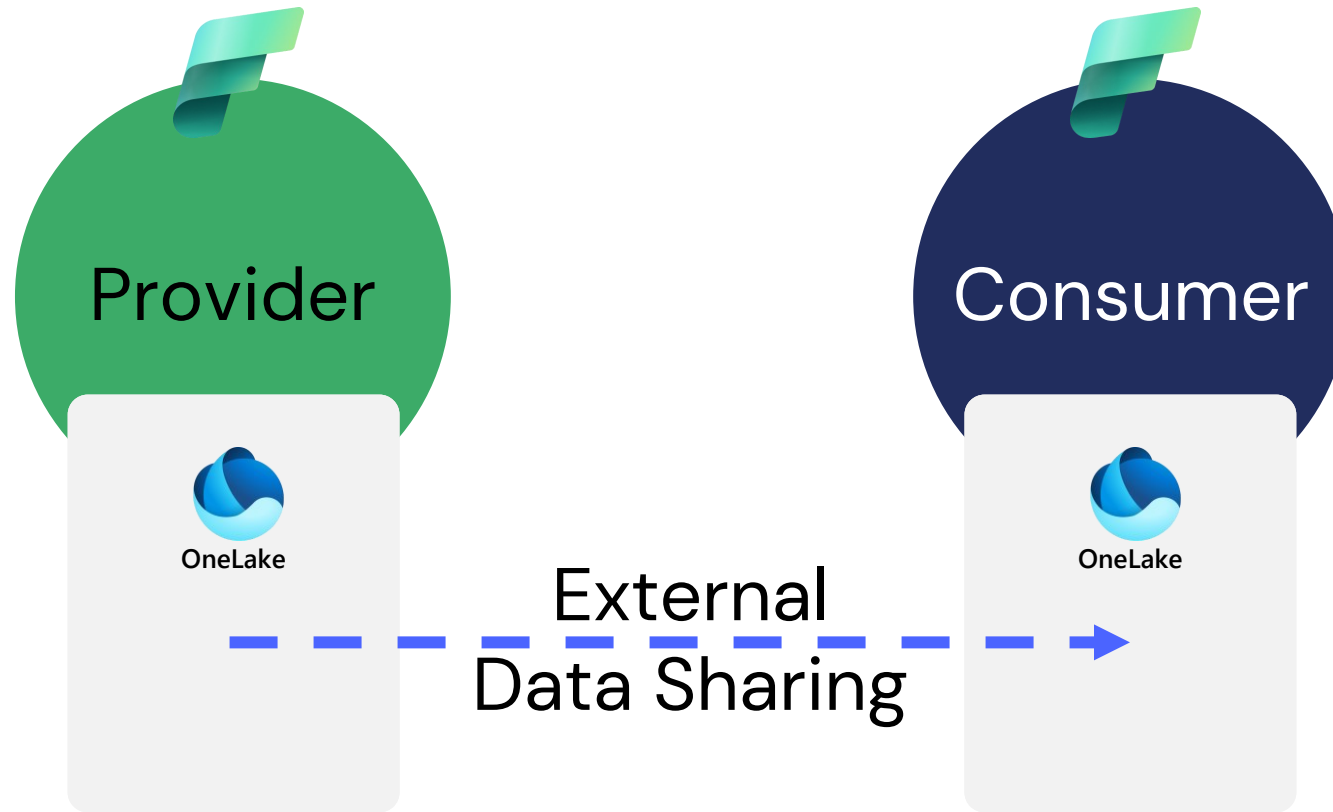


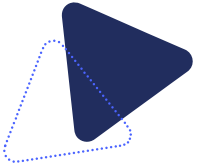
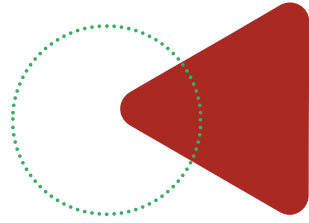
# Data Sharing



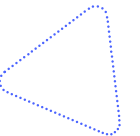
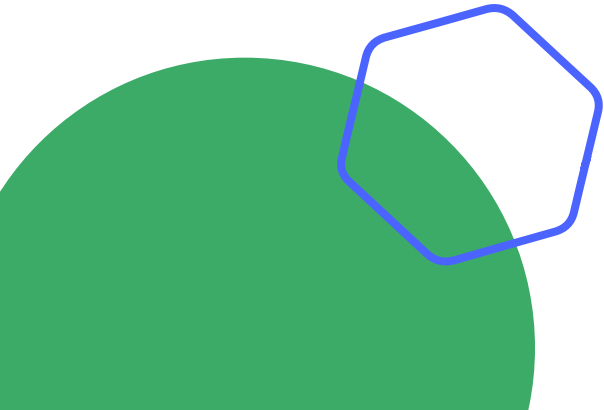


# External Data Sharing

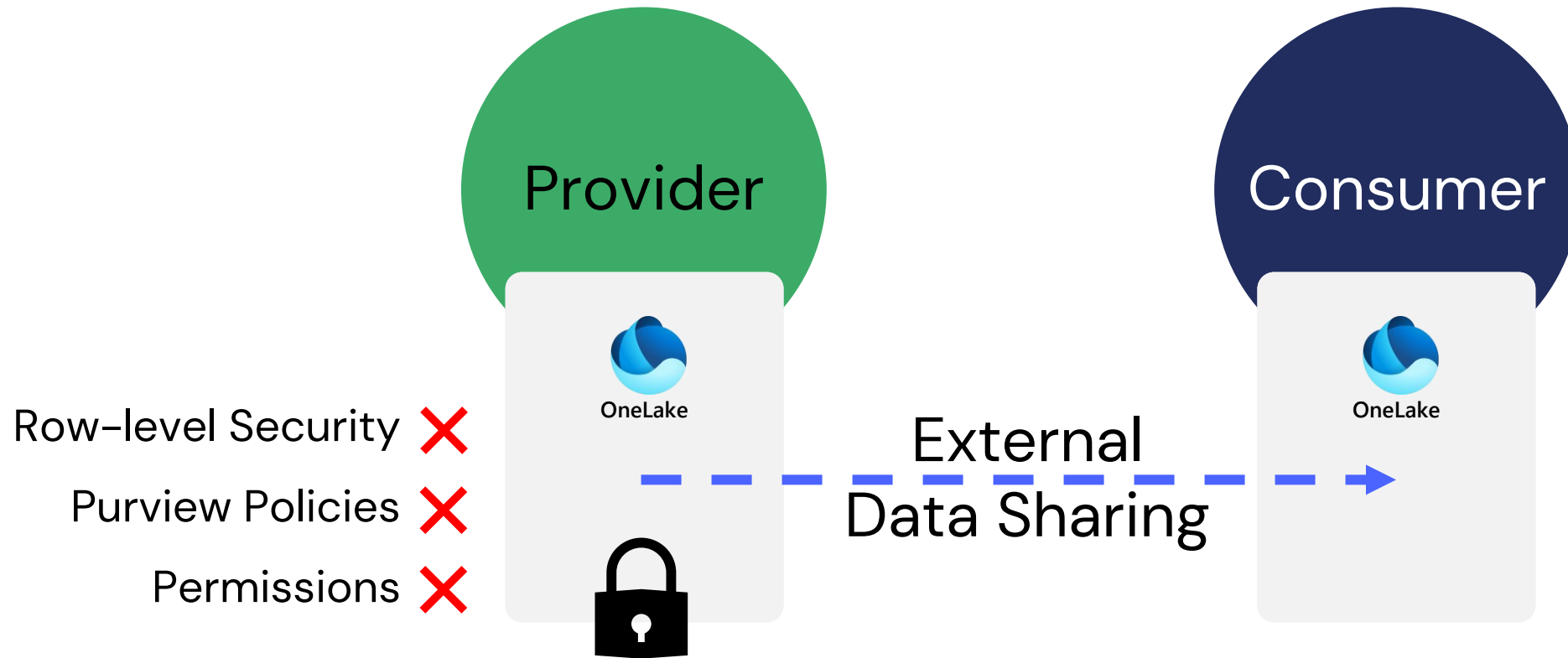




# External Data Sharing Demo



# Security Considerations



# OneLake External Data Sharing



Lakehouses, KQL Databases, Warehouses



Fabric to Fabric



Multi-Select on Tables

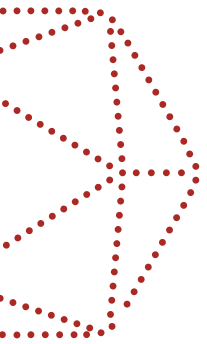


Read-only



Insights

# Other Sharing Scenarios

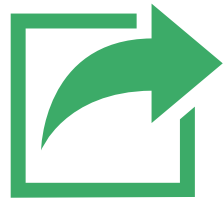


Internal Data Sharing



Shortcuts

Share a Fabric Item Internally

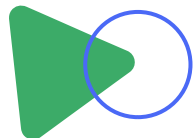


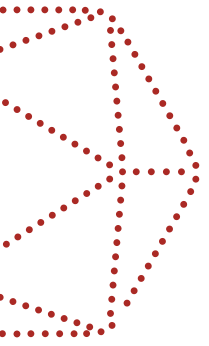
Fabric Share option

Share a Workspace or Reporting with a Partner

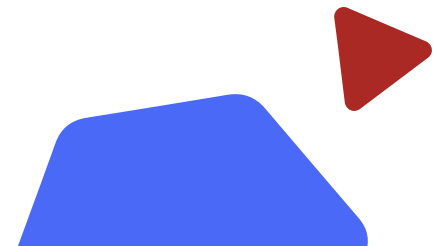
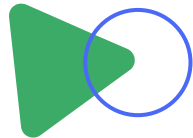


Guest Accounts (B2B)





# Data Sharing ✓



# Non-Fabric Sharing





# DELTA SHARING



Provider

Consumer



Customer managed  
Delta Sharing

Data Recipient

Data Recipient

Data Recipient

Power BI

APACHE  
Spark

pandas

+ a b l e a u

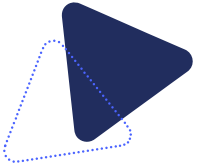
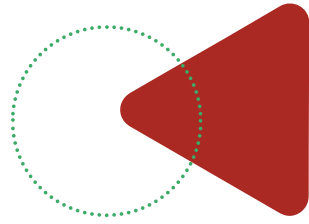
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Any Sharing Client



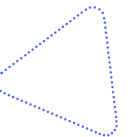
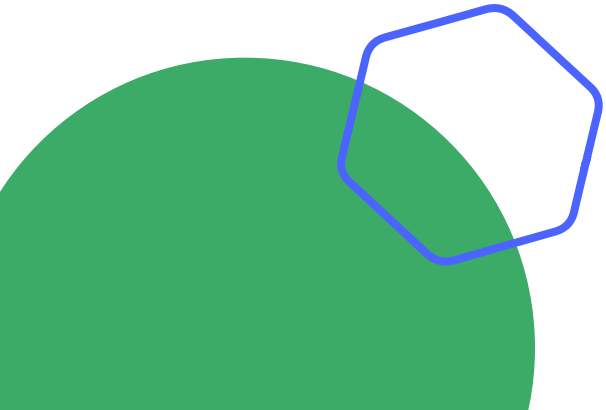




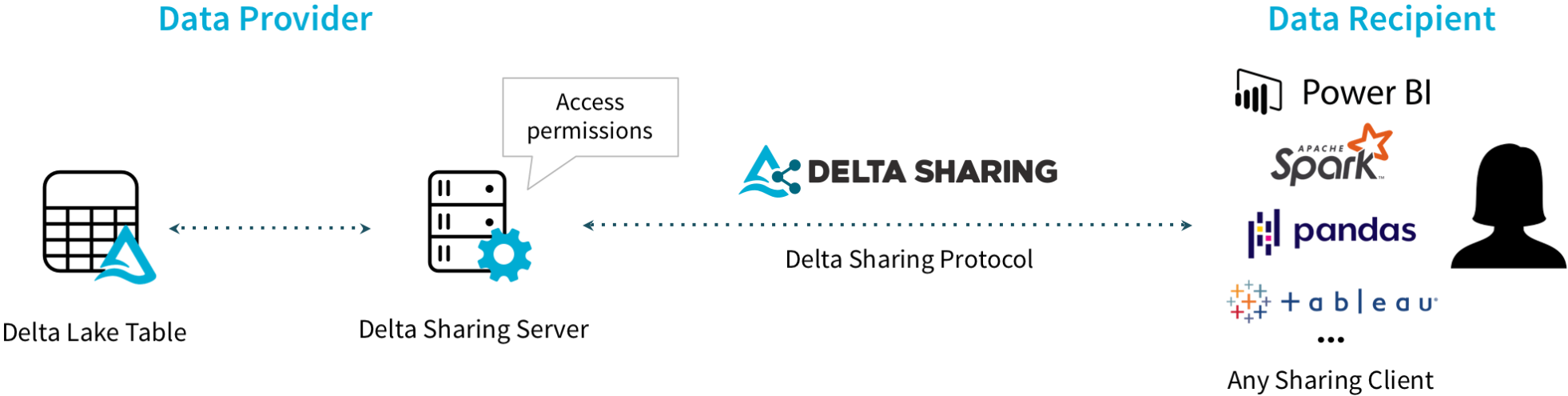


# Delta Sharing



## Demo



# Open Source Delta Sharing




# Marketplace

 databricks | Marketplace powered by  Delta Sharing

[Databricks Marketplace](#) >

## BBC/Google/CNN/Reuters News listing

 Bright Data

 Tables Free

We provide 4 types of News datasets:

### 1) CNN News Dataset

The CNN News Dataset provides structured information on CNN's published articles, including content, multimedia, coverage, trends, and public engagement.

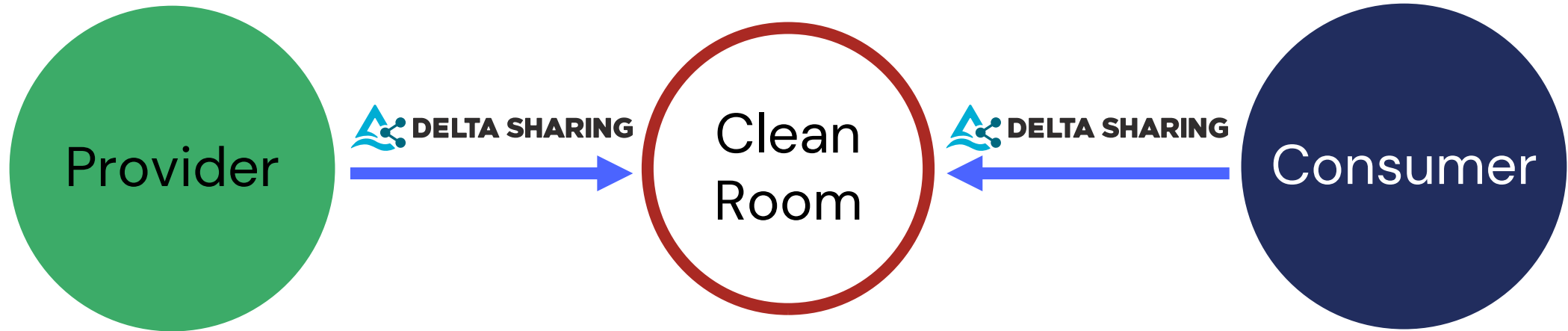
Key Features:

- Article ID
- URL
- Headline
- Publication Date
- Content

Popular Use Cases:

- Media Trend Analysis: Study CNN's news coverage trends over time, identifying emerging topics and themes.

# Databricks Clean Rooms

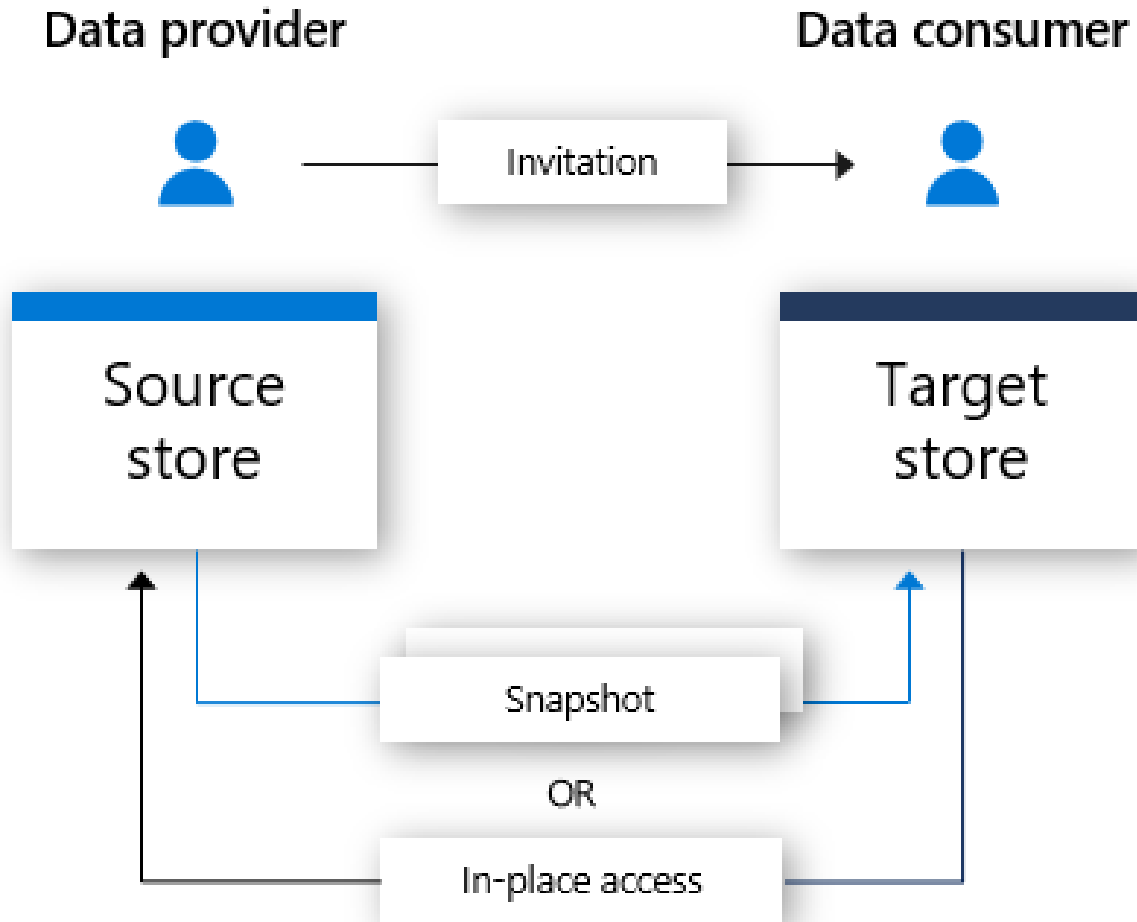


Mutually Approved Jobs

Use Python, R, Java, SQL

Secure Collaboration

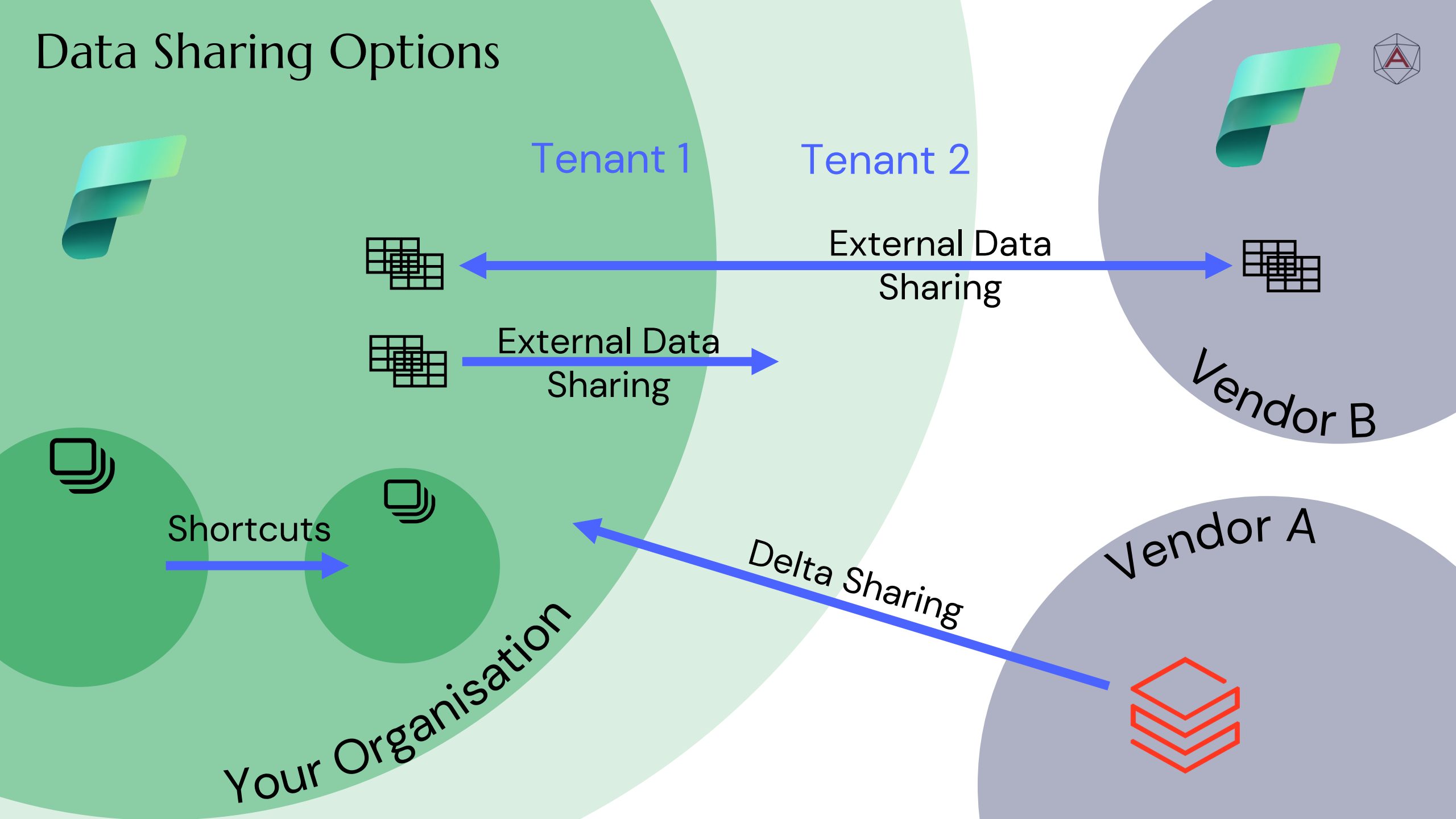
# Azure Data Share



## Support for:

- Blob Storage
- Data Lake Storage
- Synapse Analytics
- Azure SQL

# Data Sharing Options



# Thank You



CRAIG PORTEOUS

Associate Head of Data Engineering



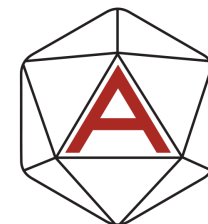
<https://craigporteous.com>



@cporteous



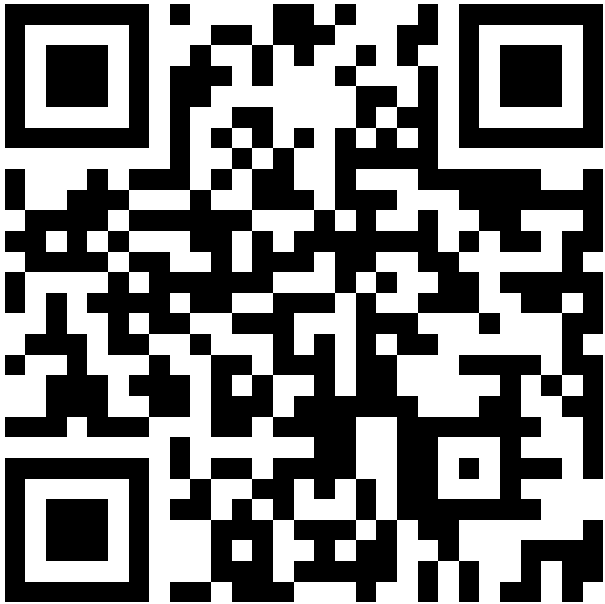
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# FREE Microsoft Fabric



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Find a user group that matches your interests in your area or online



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Spread your Fabric knowledge, insights, and best practices with others

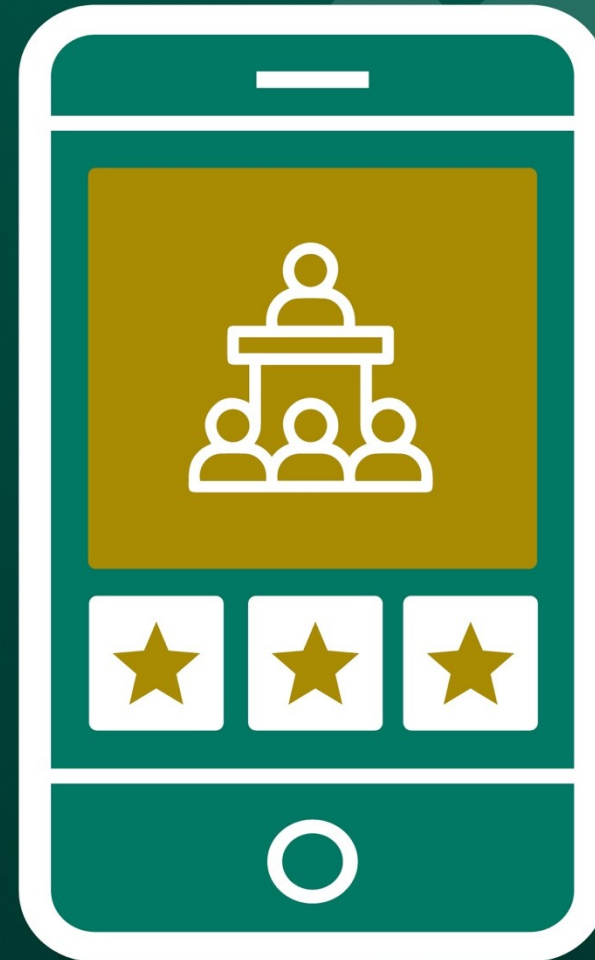


[aka.ms/MVP](https://aka.ms/MVP)

Technology experts that share their knowledge and passion with the community

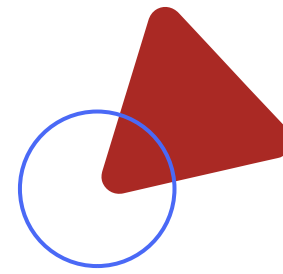


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# ADVANCING ANALYTICS

