



Microsoft Fabric

Enterprise Analytics:

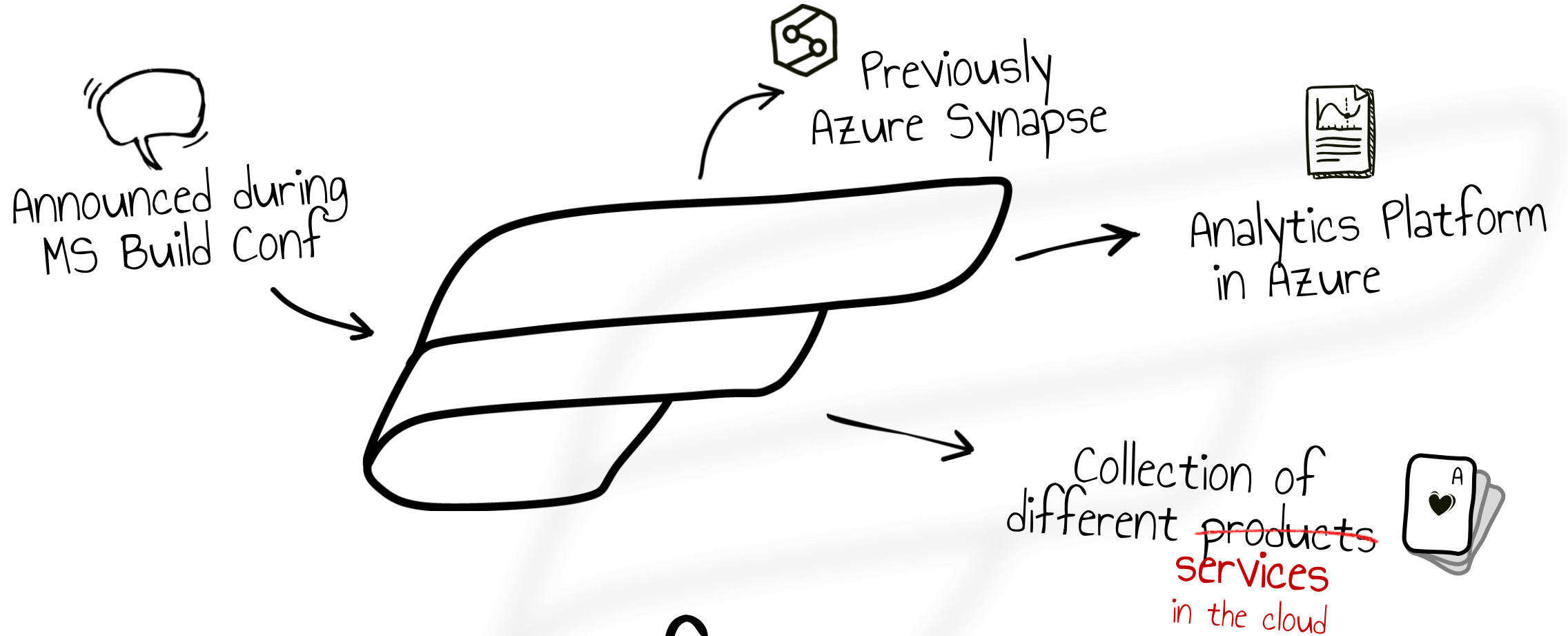
What's new (and what changed)?

Note: Subject to change

Adnan Hashmi

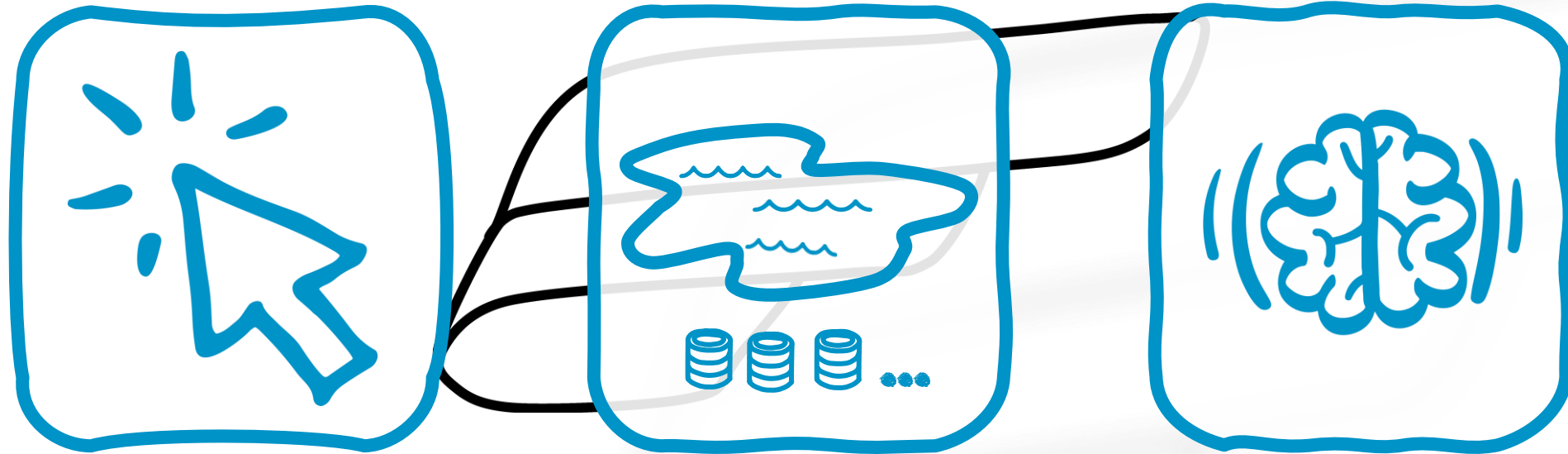
in aka.ms/Adnan

🐦 pkstn.co/Adnan

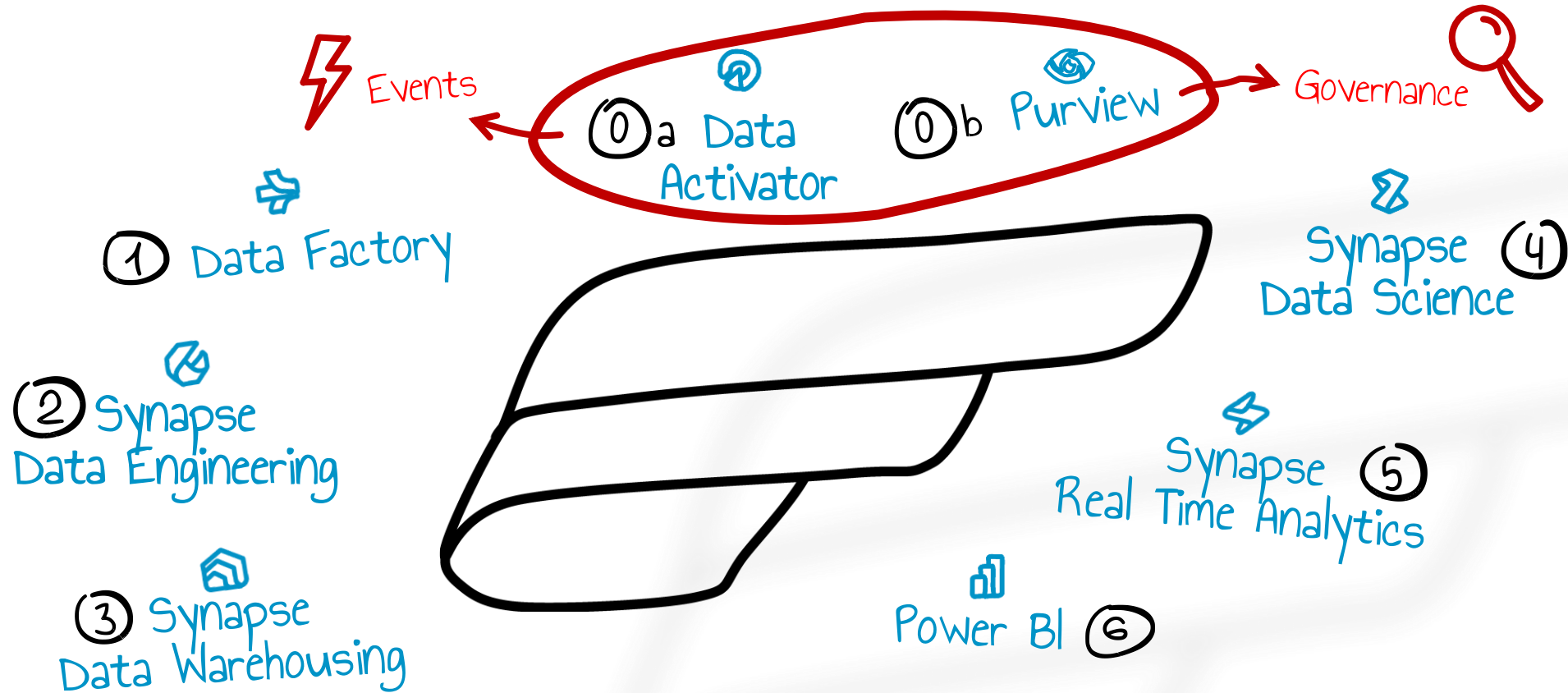


Microsoft Fabric

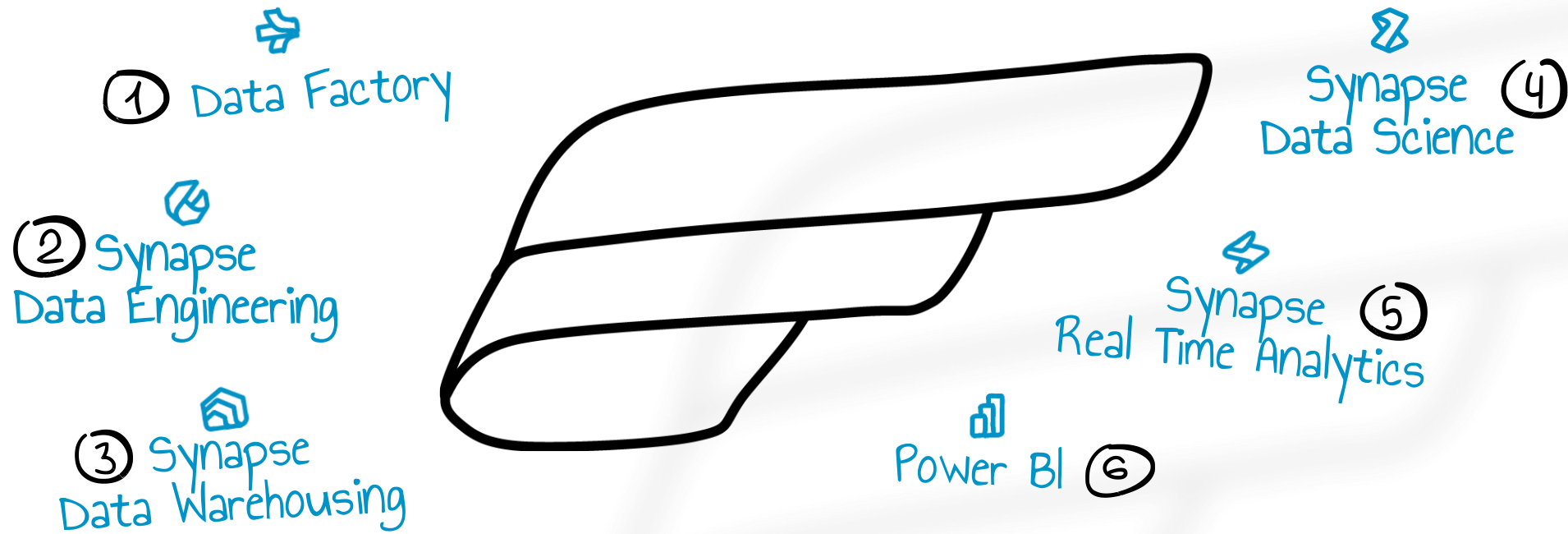
UNIFIED UX LAKEHOUSE AI DRIVEN



Microsoft Fabric



Microsoft Fabric



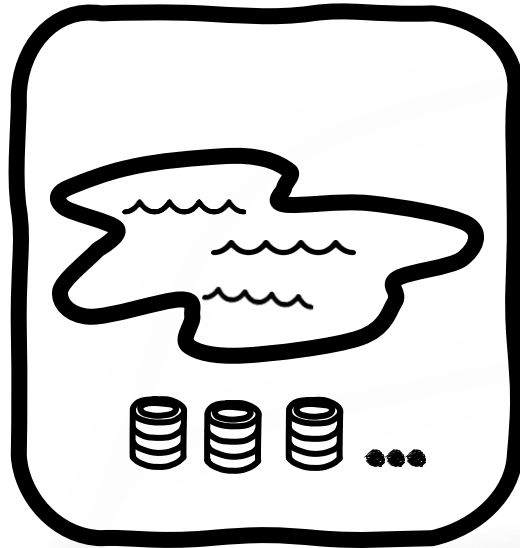
Microsoft Fabric

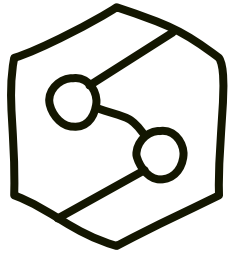
What's new?

Storage, Services, and Personas



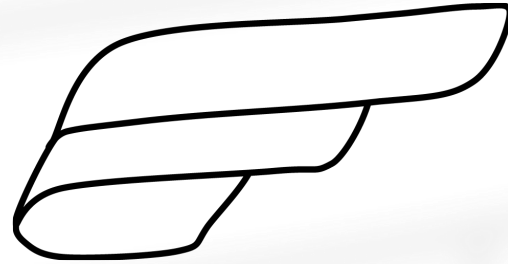
LAKEHOUSE





Azure Synapse Analytics

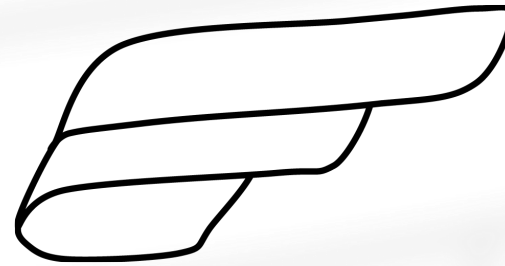
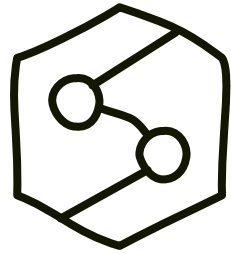
CURRENT



Microsoft Fabric

NEW

tags: azure, analytics, old, new



Azure Synapse Analytics

Microsoft Fabric



Azure Data
Lake Storage
(ADLS)



Azure SQL



Azure Cosmos DB



Azure Data Explorer
(Kusto)



OneLake

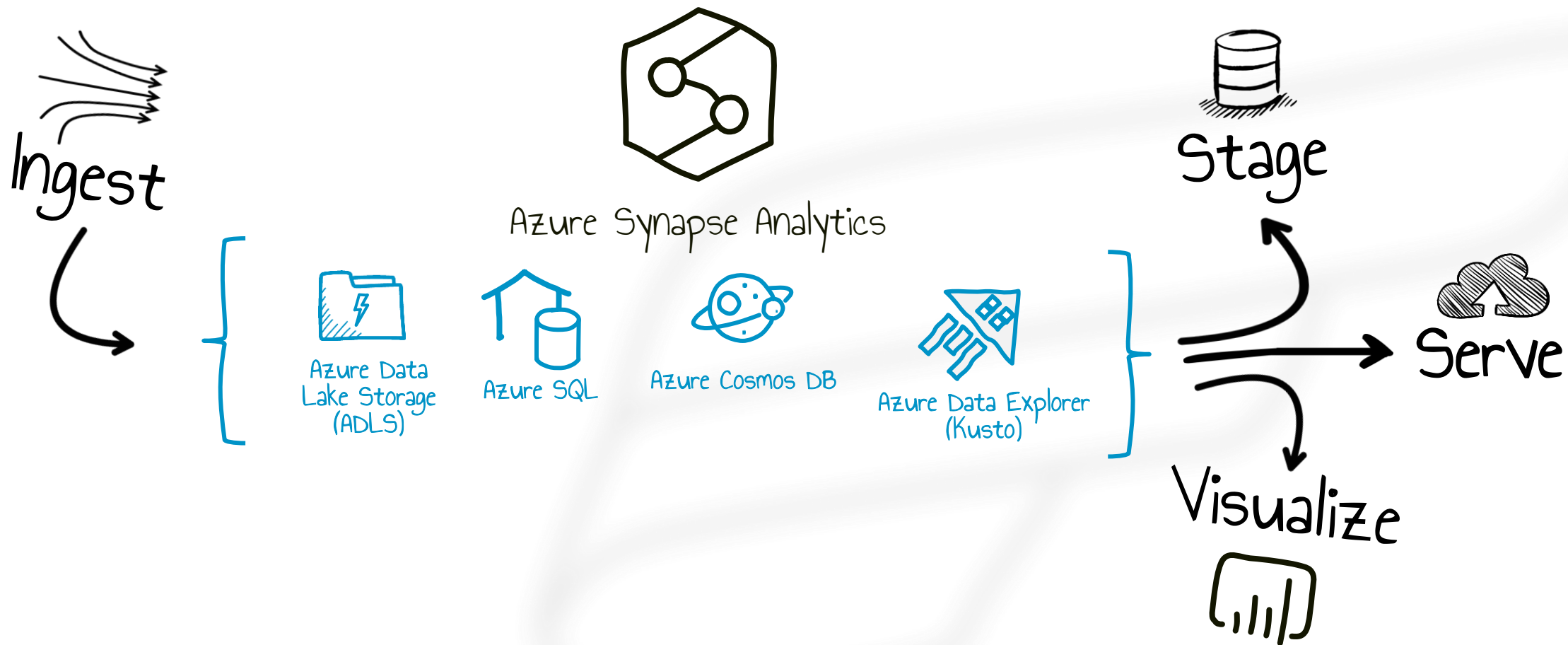


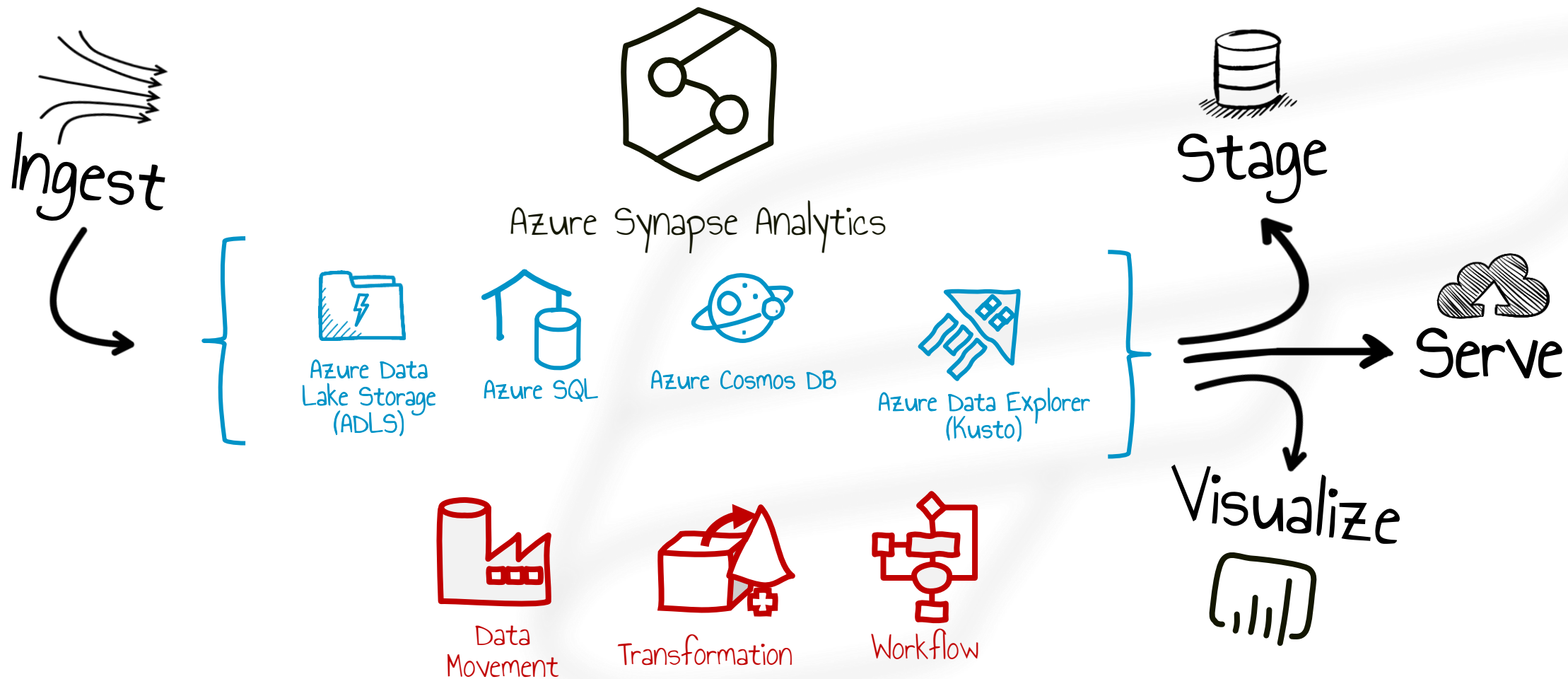
Serverless
SQL



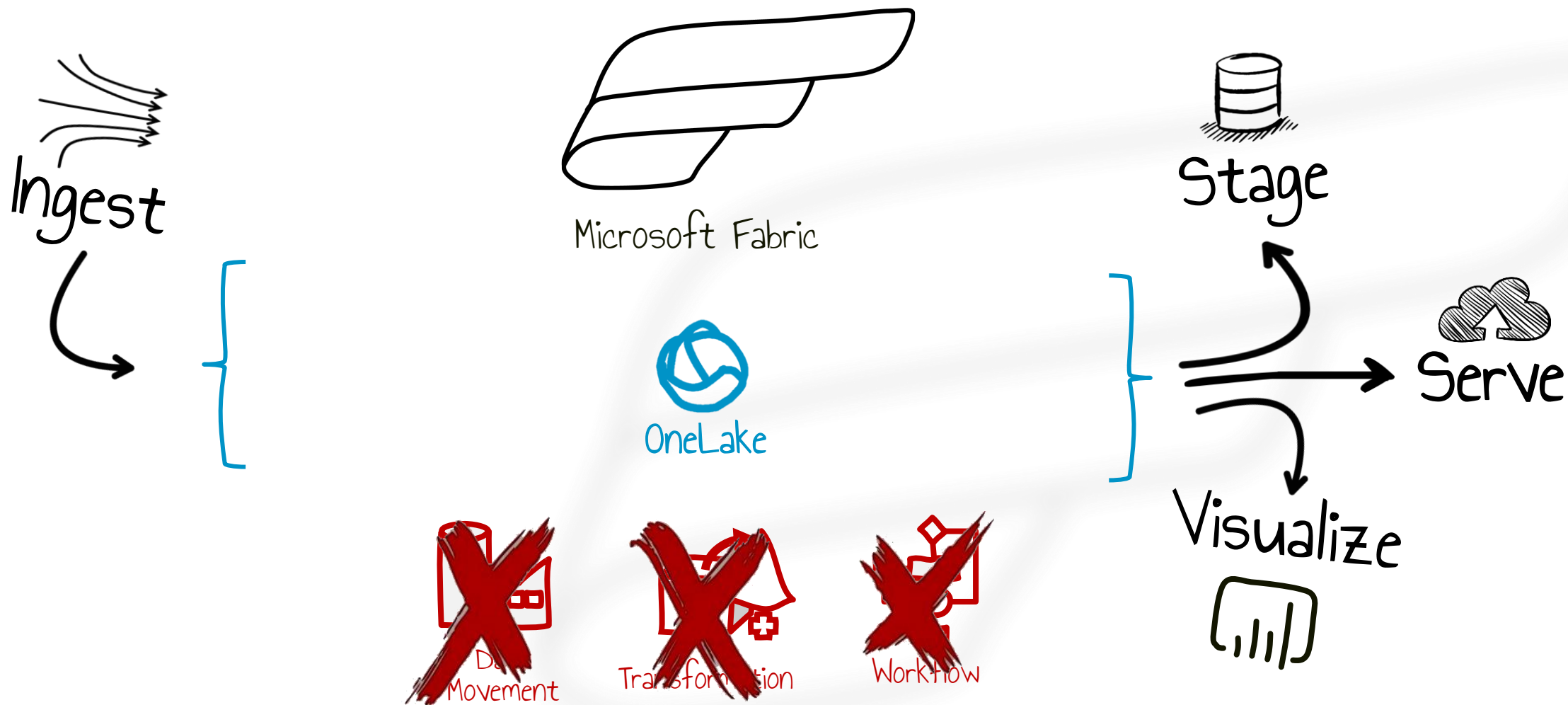
Dedicated
SQL Pool

The MS Fabric Platform | What's new and what changed? | Why switch?



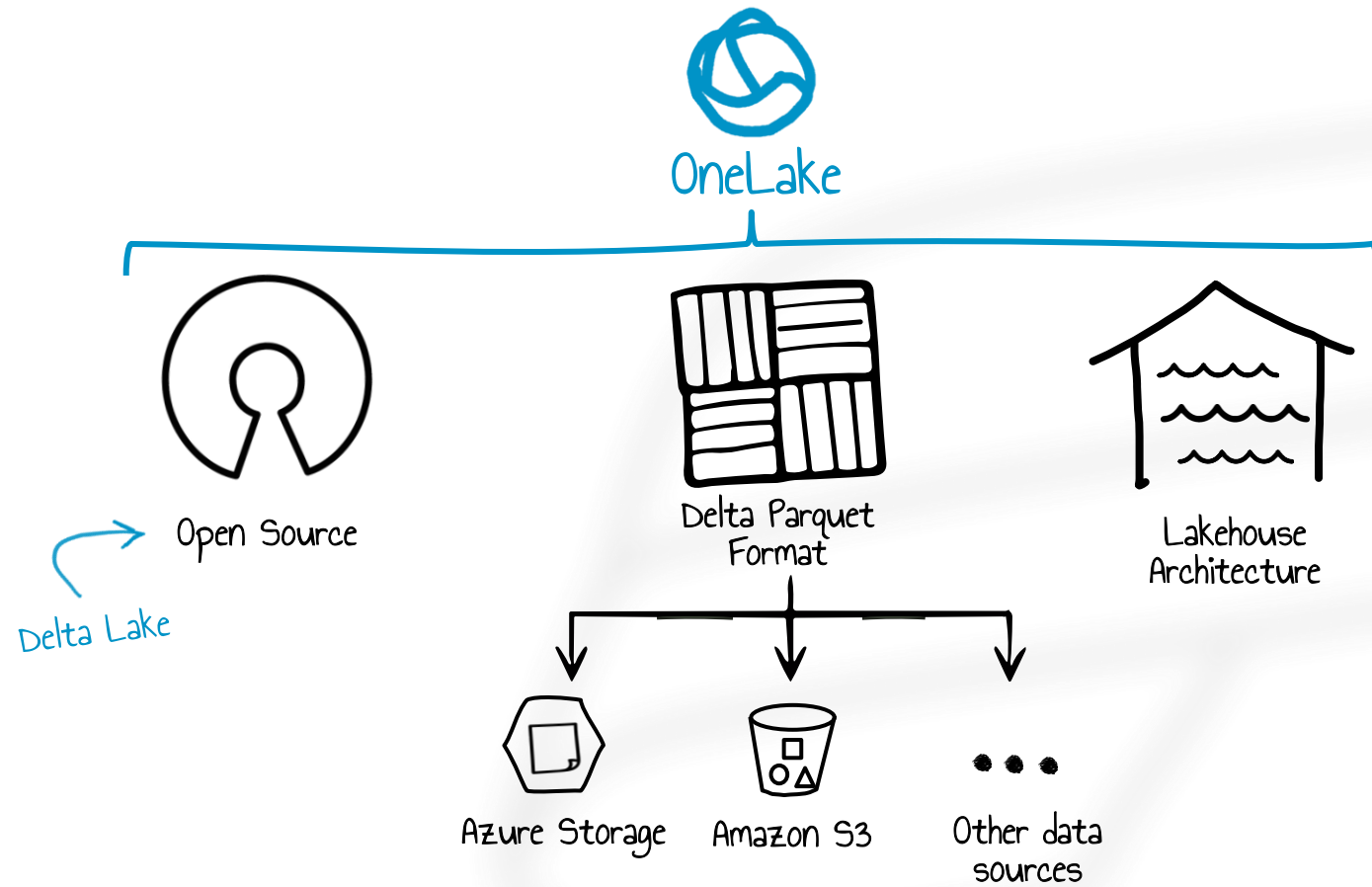


tags: azure, analytics, new, storage



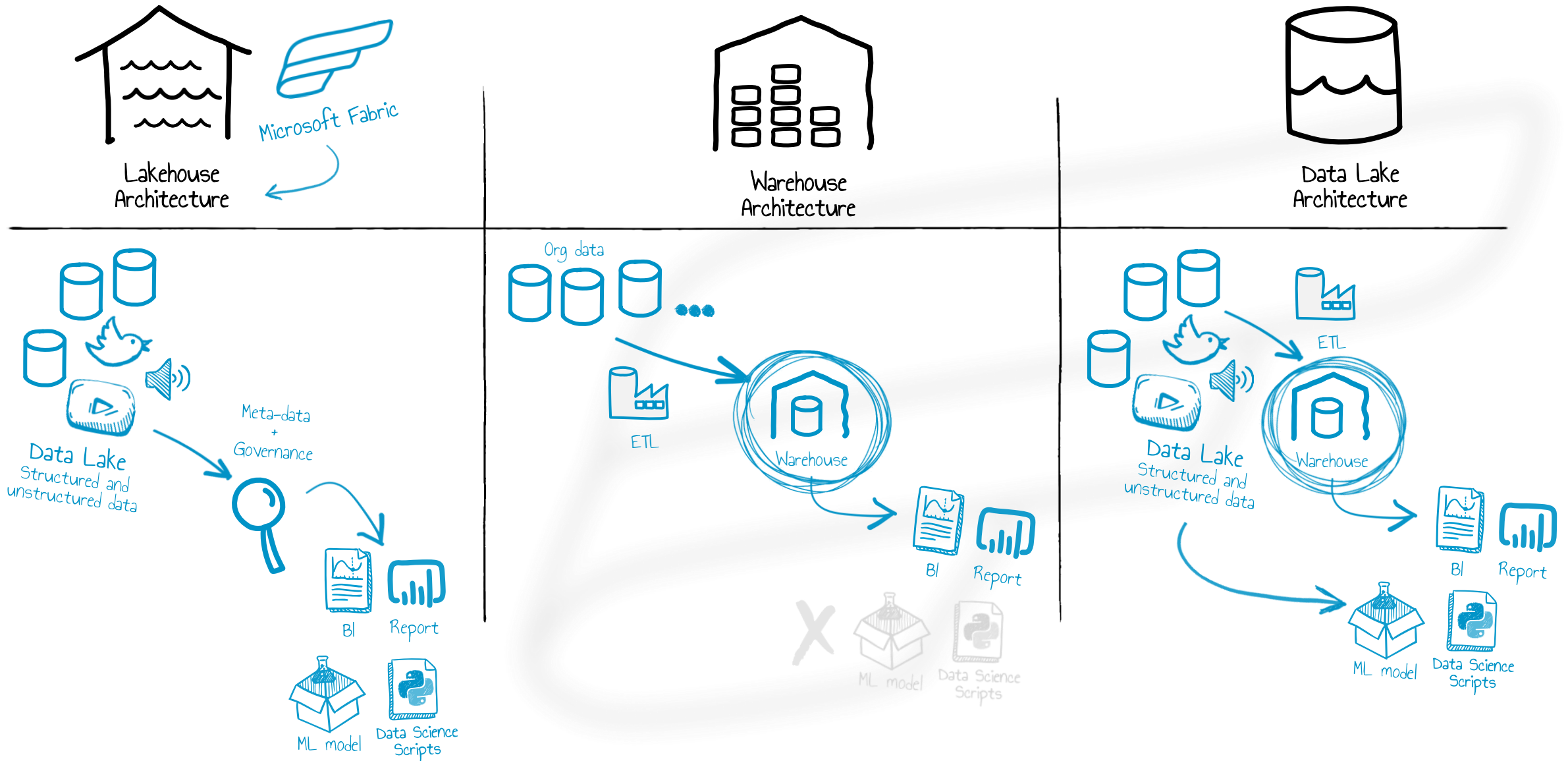
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tags: azure, analytics, new, storage

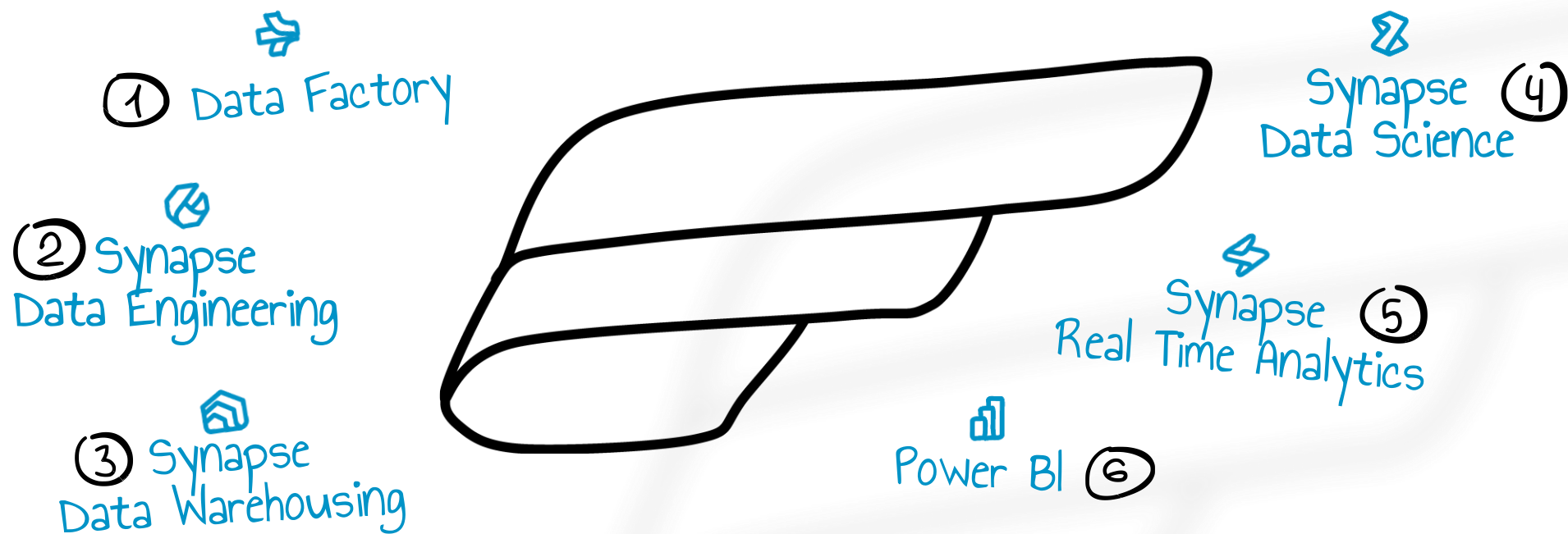


The MS Fabric Platform | What's new and what changed? | Why switch?

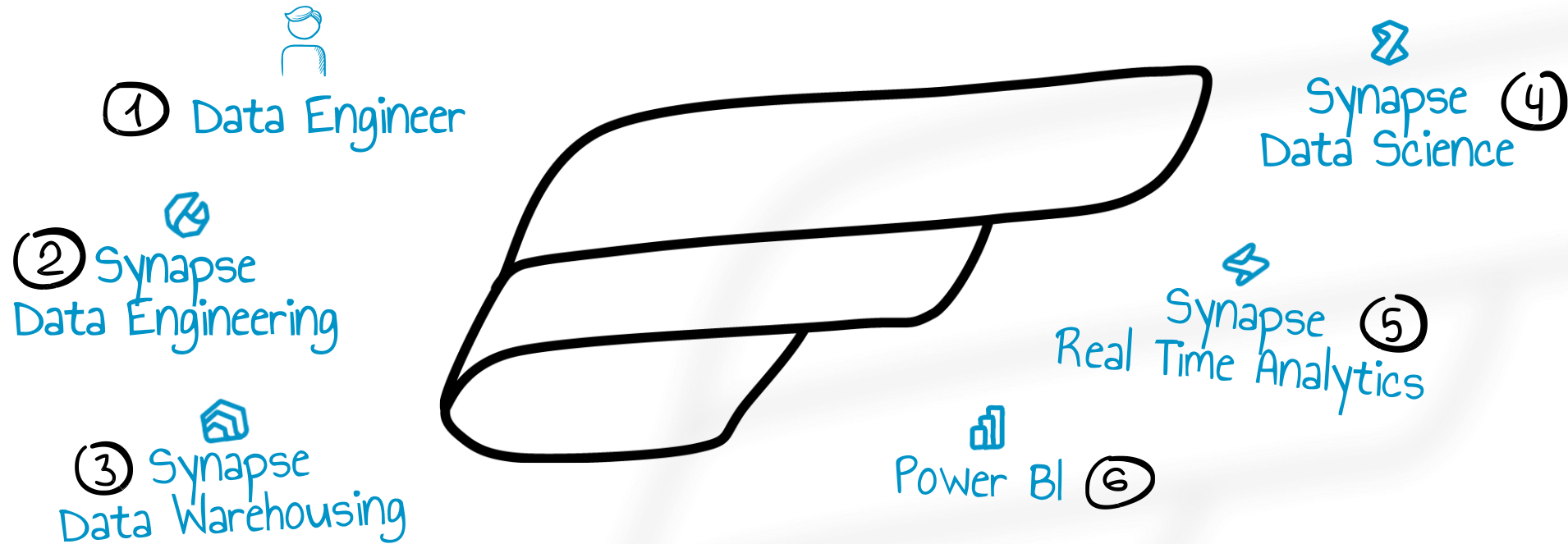
tags: azure, analytics, new, storage, delta, lake, warehouse



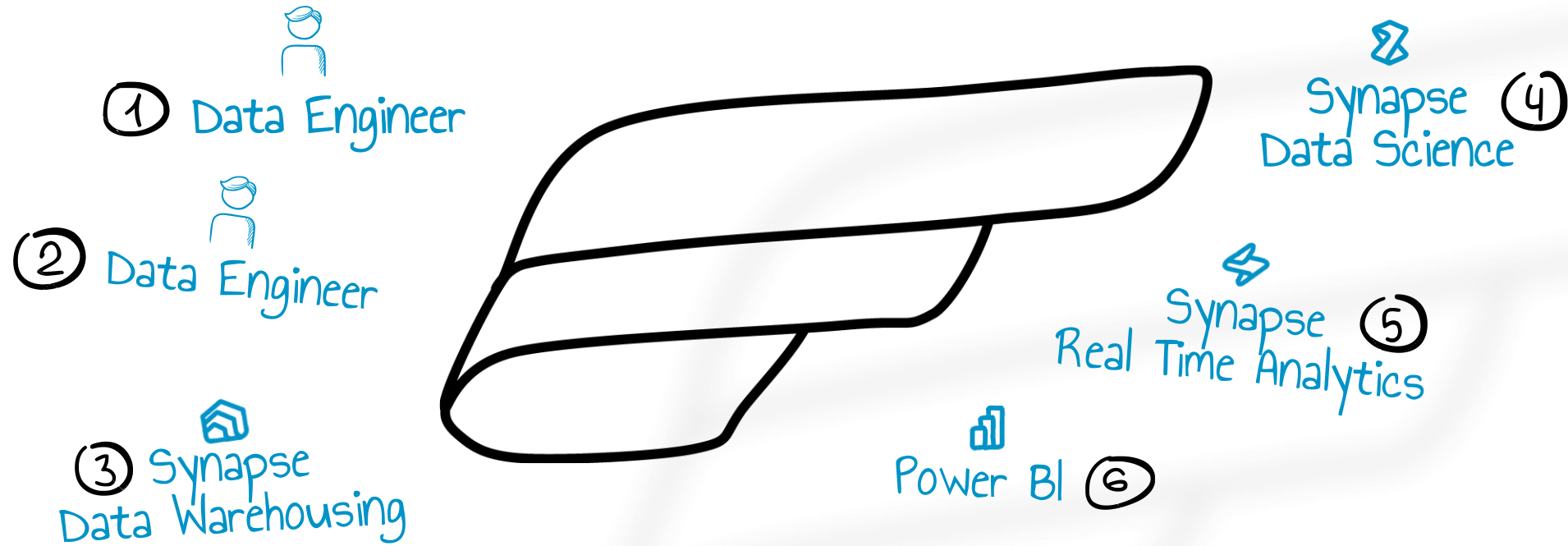
The MS Fabric Platform | What's new and what changed? | Why switch?



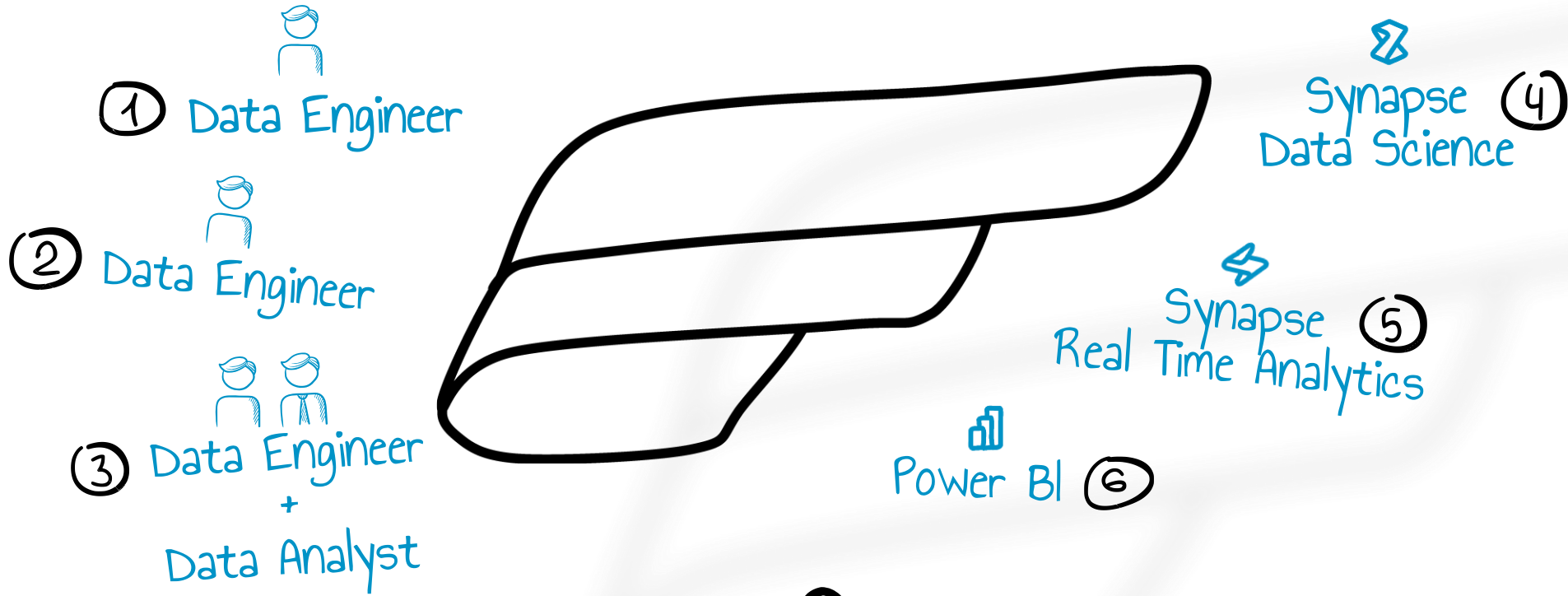
Microsoft Fabric



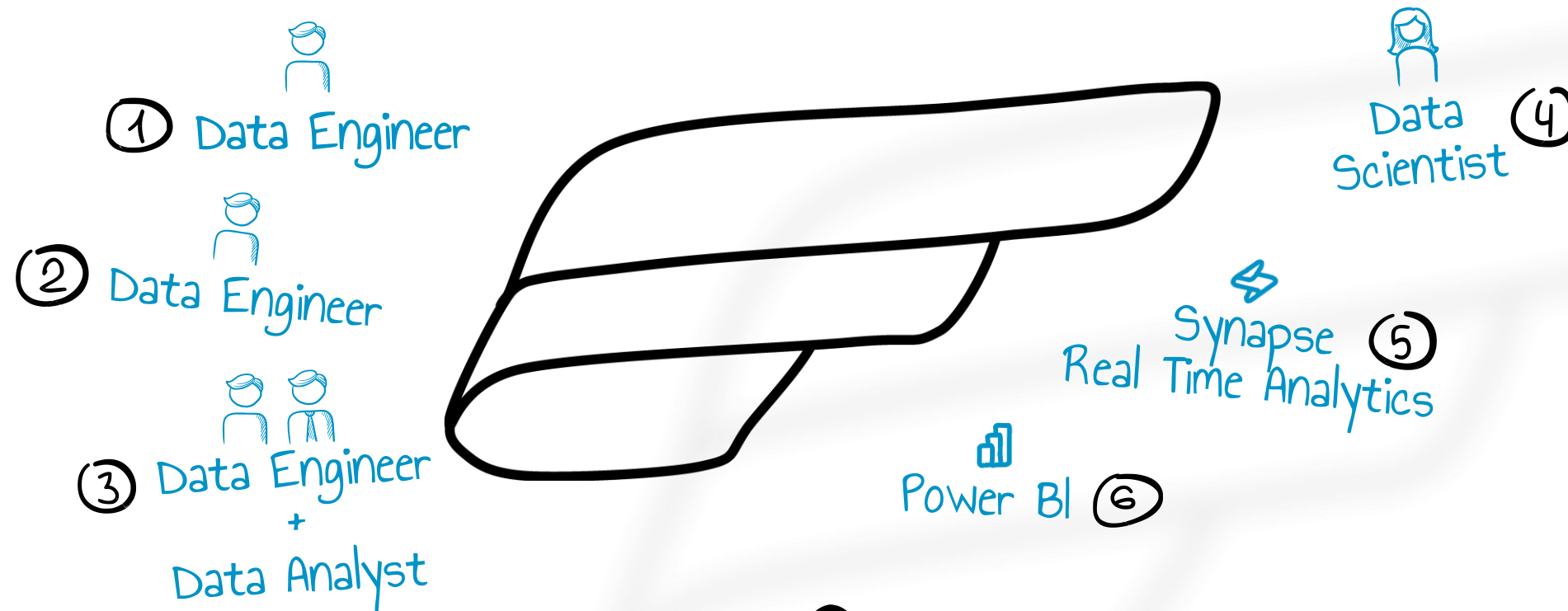
Microsoft Fabric



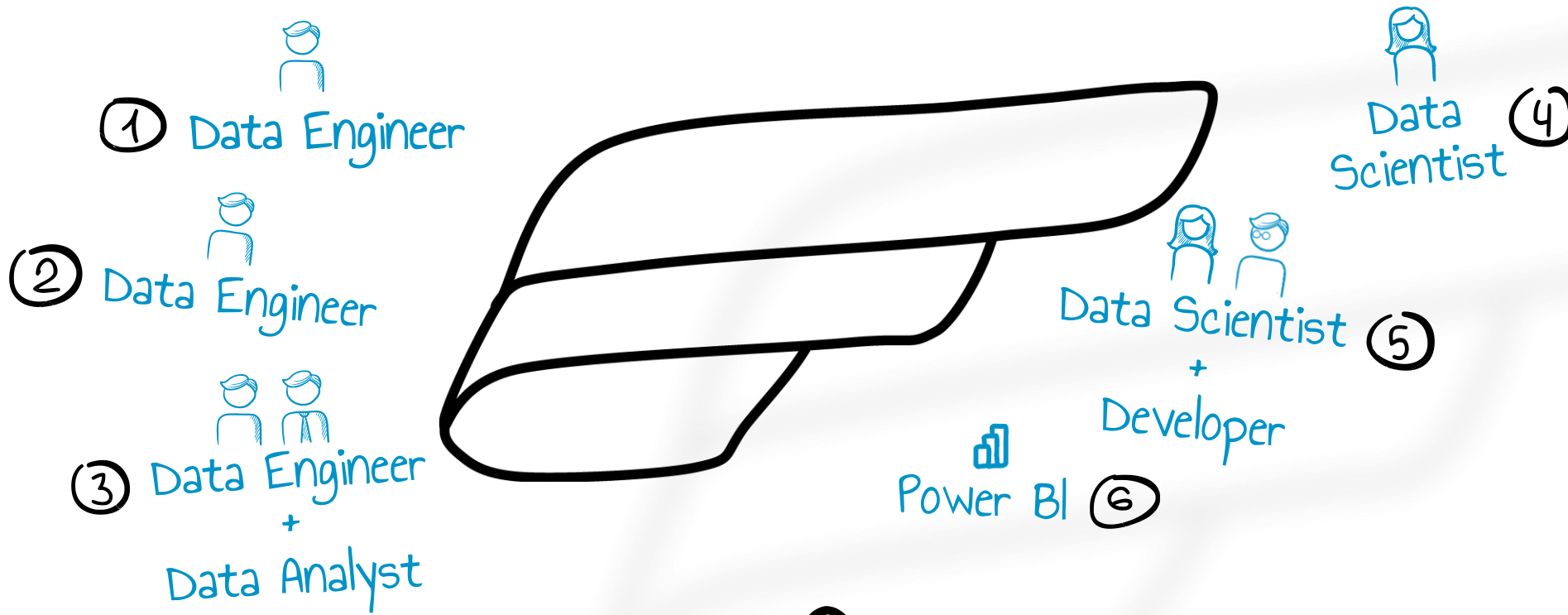
Microsoft Fabric



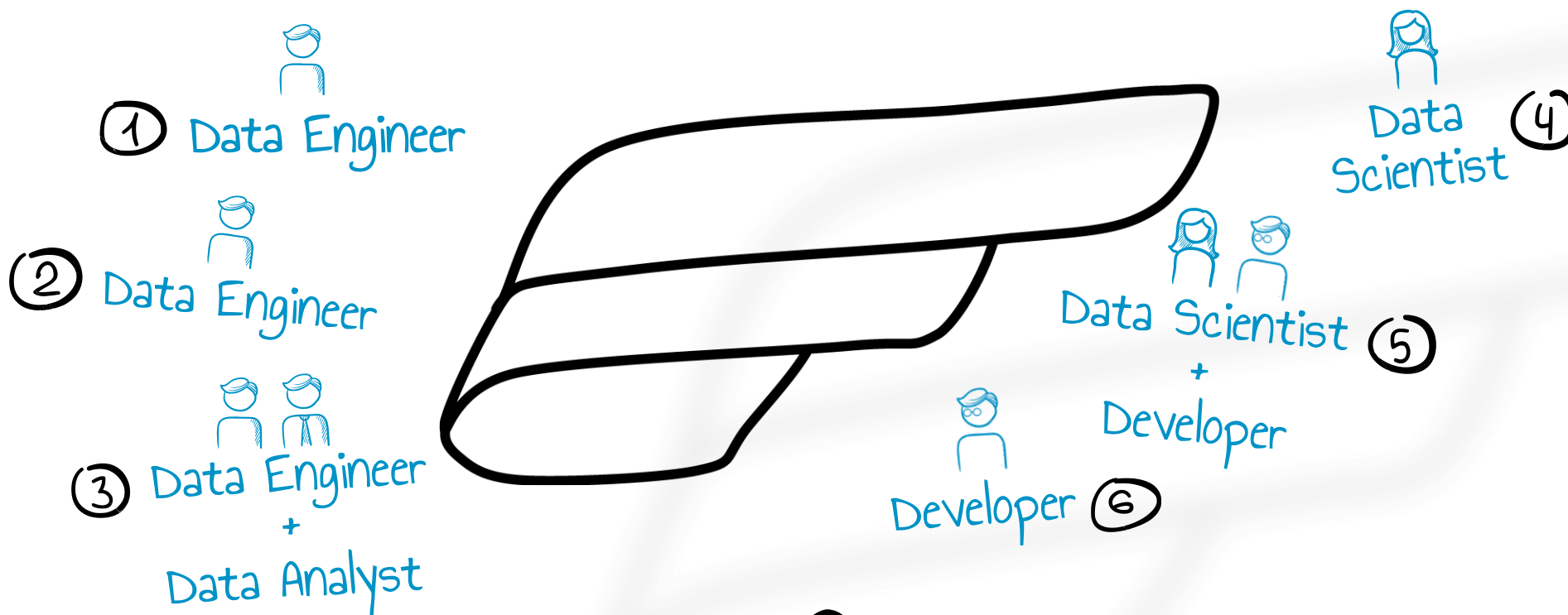
Microsoft Fabric



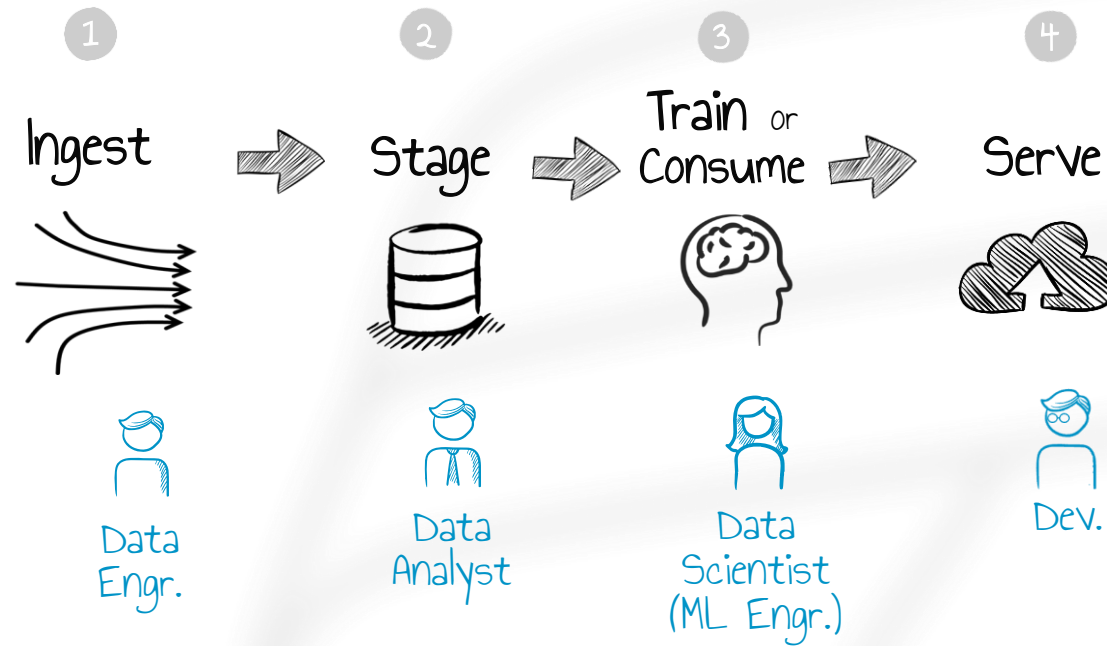
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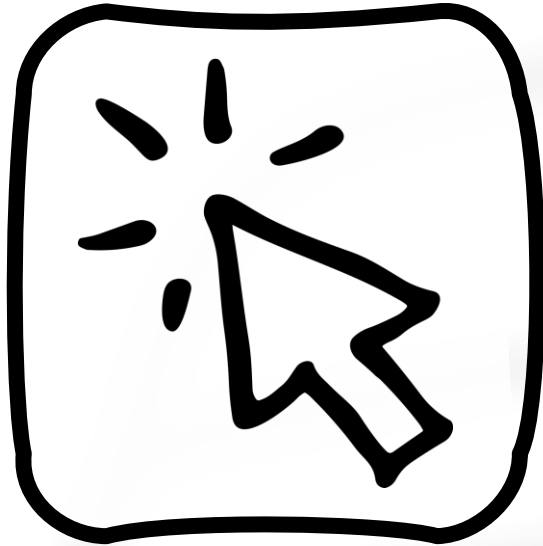
Microsoft Fabric



Microsoft Fabric

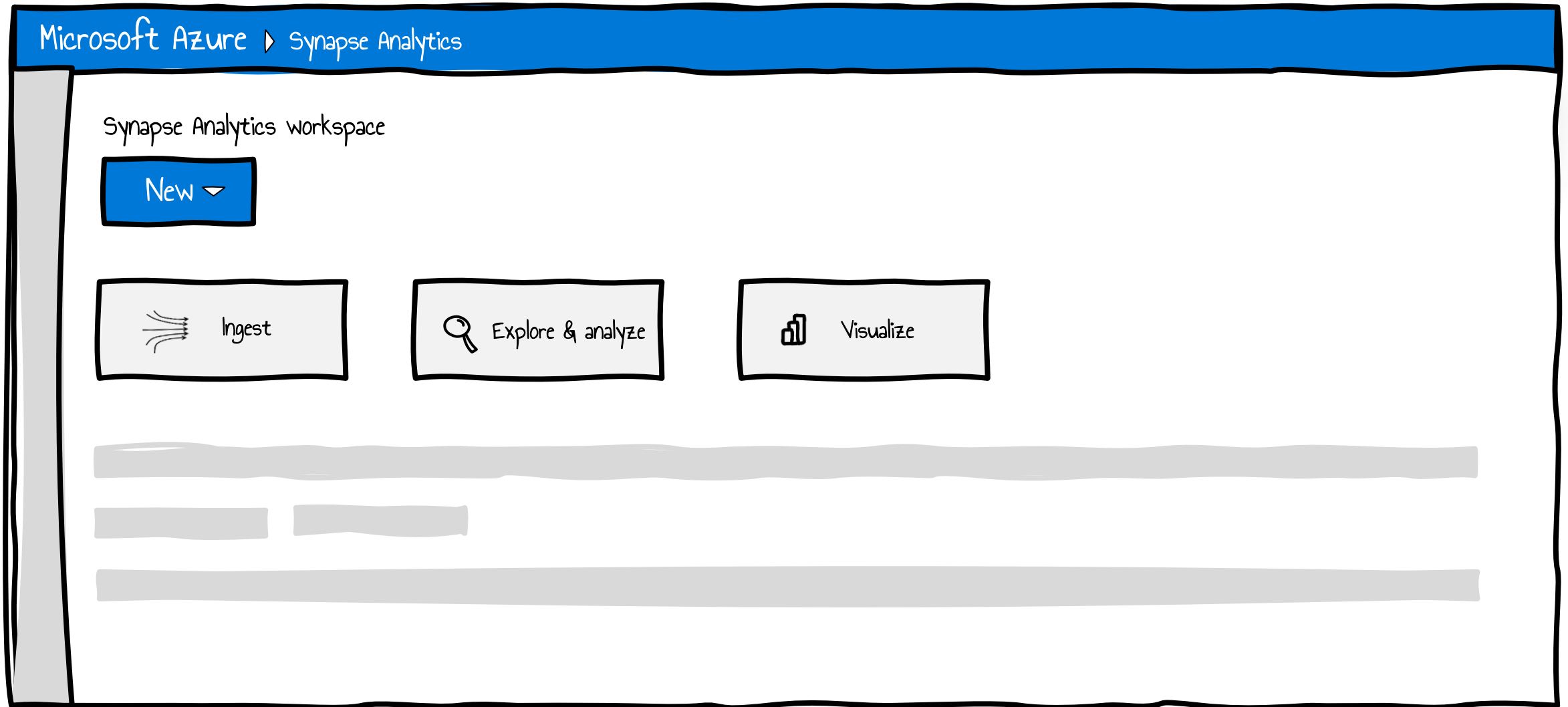


UNiFiED UX



tags: azure, analytics, ui, experience

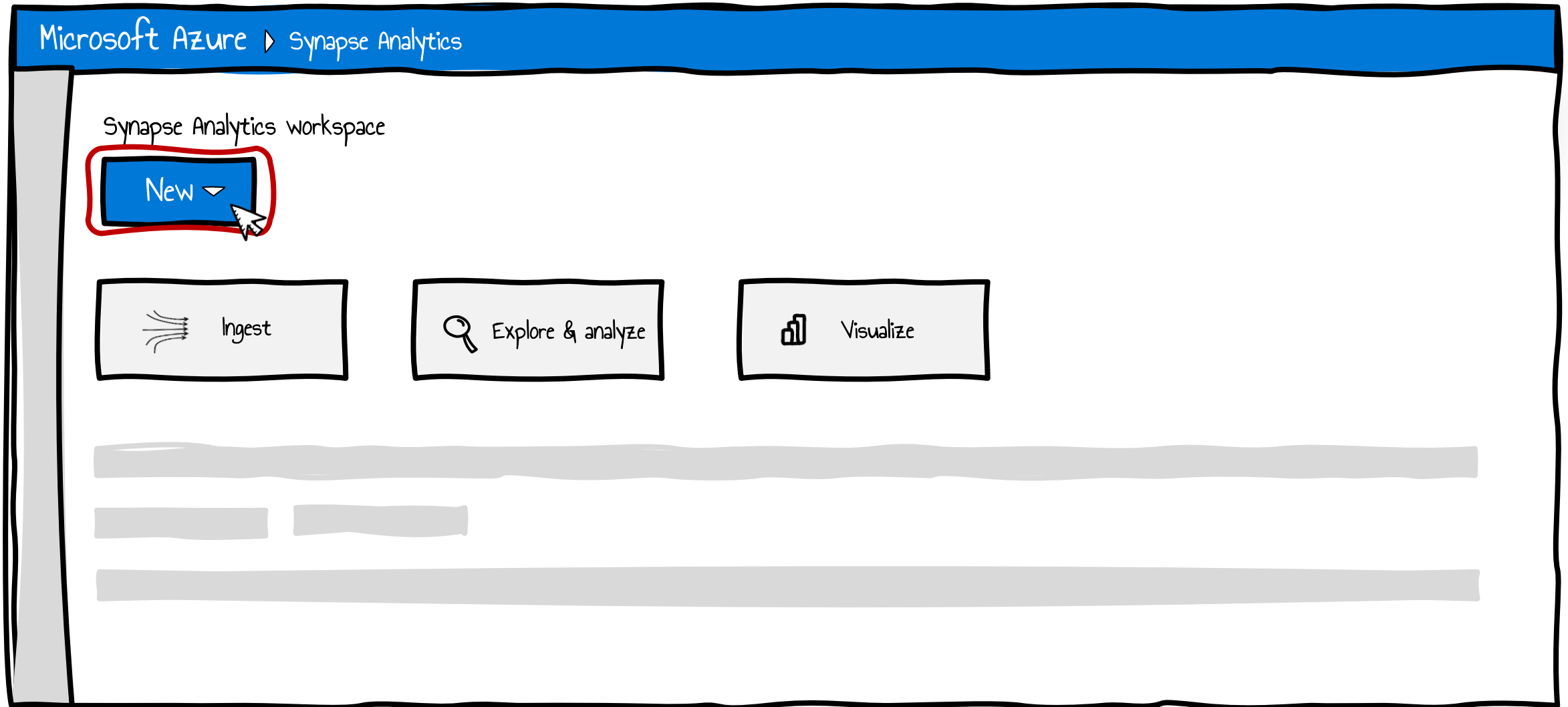
Current Platform



The MS Fabric Platform | What's new and what changed? | Why switch?

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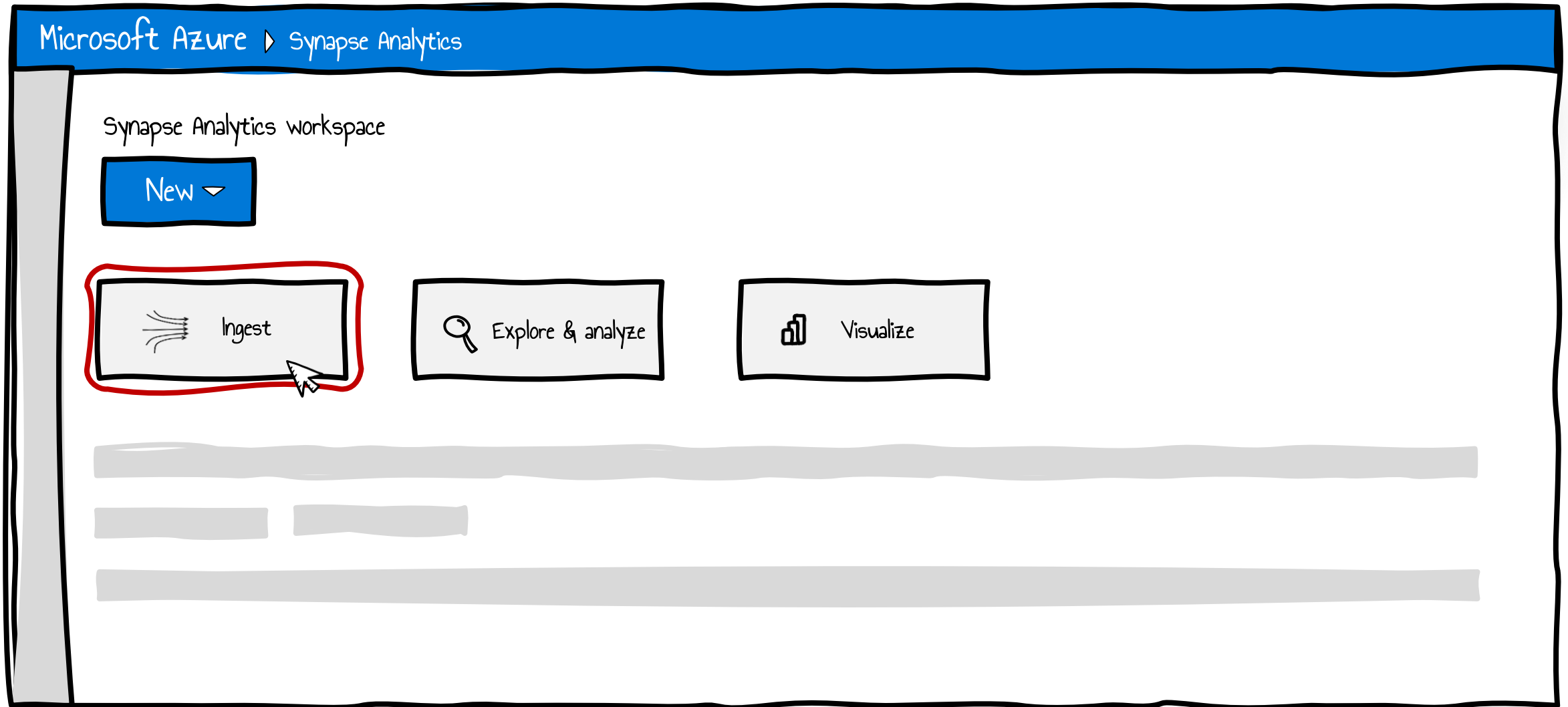
Current Platform



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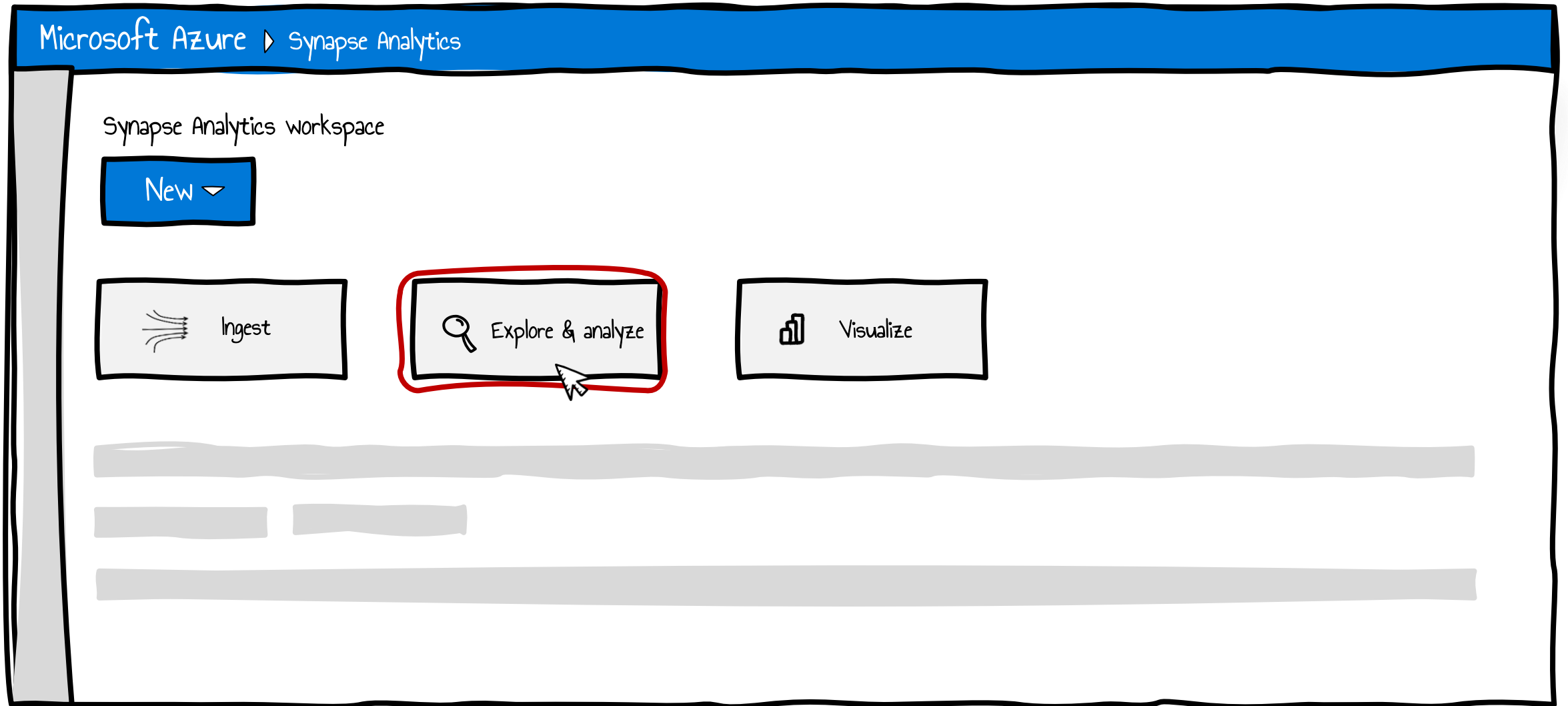
Current Platform



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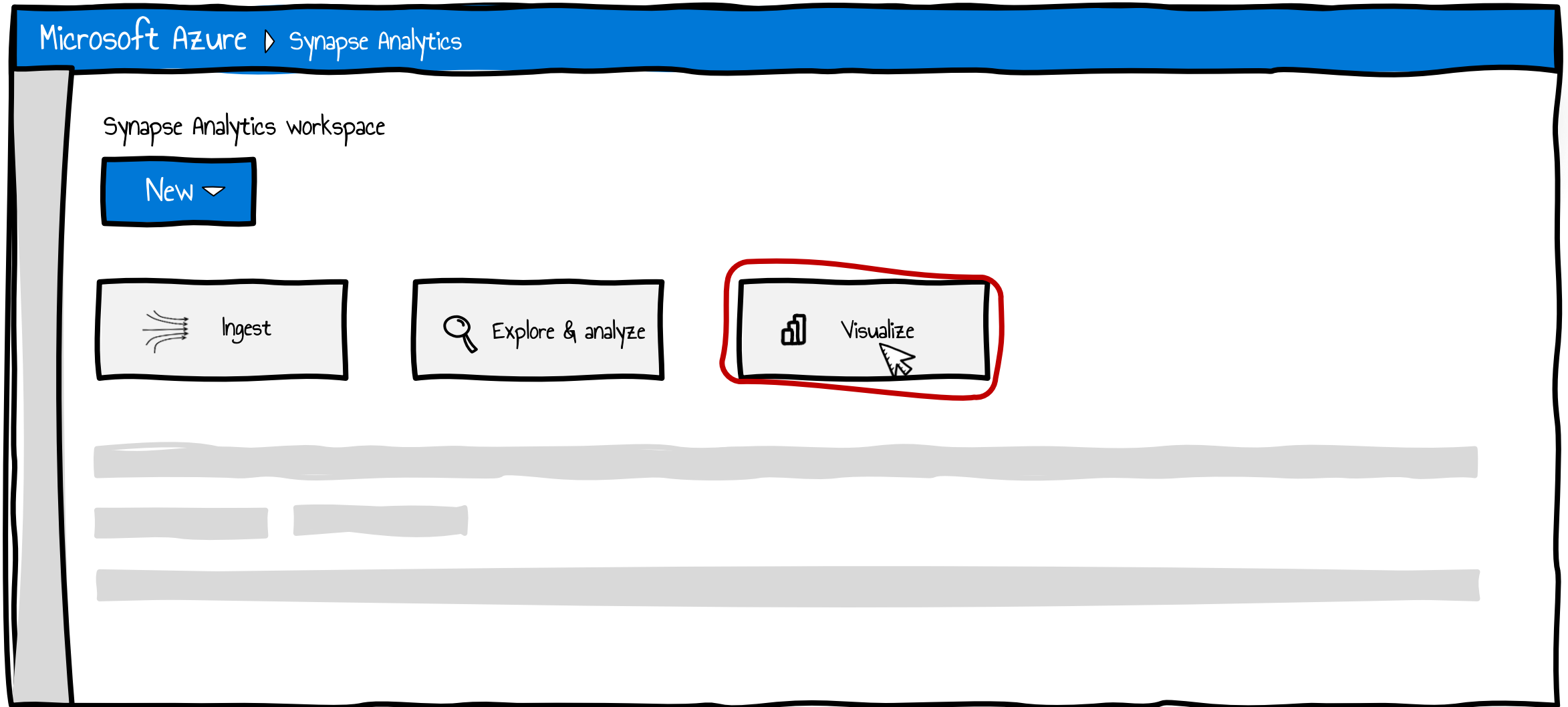
Current Platform



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Current Platform



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tags: azure, analytics, ui, experience


Current Platform


Microsoft Azure ▸ Synapse Analytics

Synapse Analytics workspace


New ▾

 Ingest

 Explore & analyze

 Visualize

Connect to Power BI

 Power BI

Name*

Description

Tenant

Workspace Name*

☐ Edit

The MS Fabric Platform | What's new and what changed? | Why switch?


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Current Platform


Microsoft Azure ▸ Synapse Analytics

Synapse Analytics workspace


New ▾

 Ingest

 Explore & analyze

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The MS Fabric Platform | What's new and what changed? | Why switch?

Microsoft Fabric

Microsoft Fabric

All your data. In one location. Organize. Collaborate. Create.



Power BI



Data Factory



Synapse Data Engr.



Synapse Data Sci.



Synapse DW



Synapse RT Analytics

Microsoft Fabric

Microsoft Fabric

All your data. In one location. Organize. Collaborate. Create.



Power BI



Data Factory



Synapse Data Engr.



Synapse Data Sci.



Synapse DW



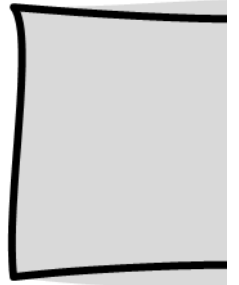
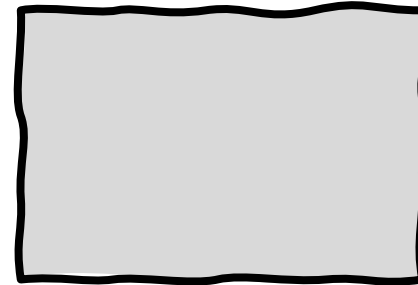
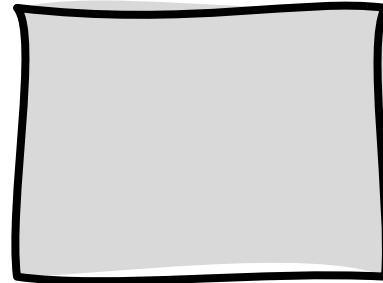
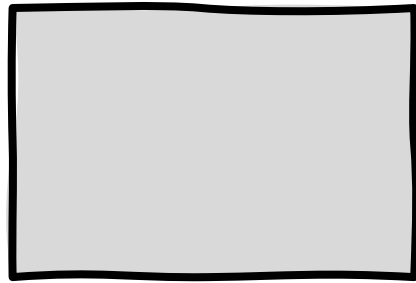
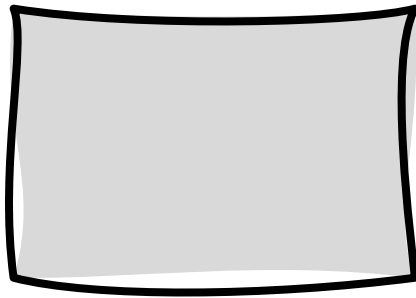
Synapse RT Analytics

tags: azure, analytics, ui, experience, reporting

New Platform

Power BI

Recommended





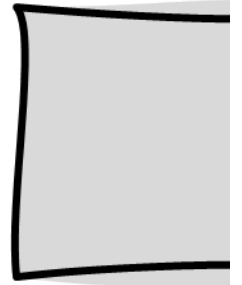
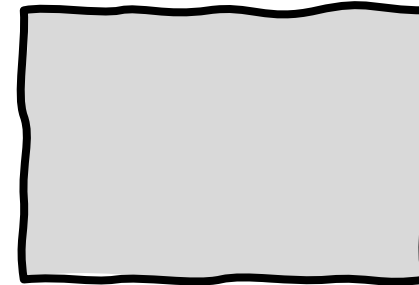
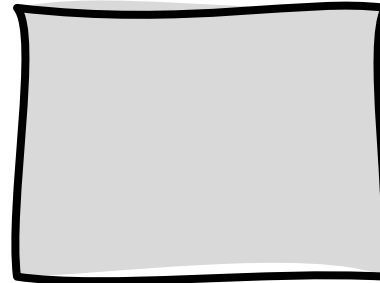
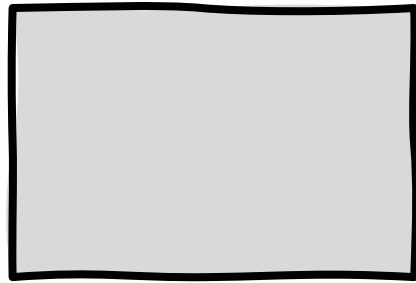
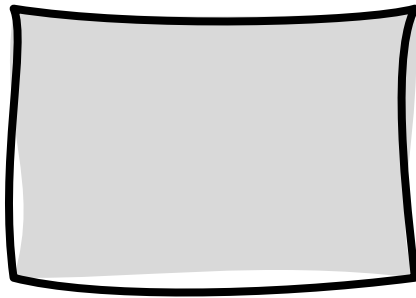
The MS Fabric Platform | What's new and what changed? | Why switch?

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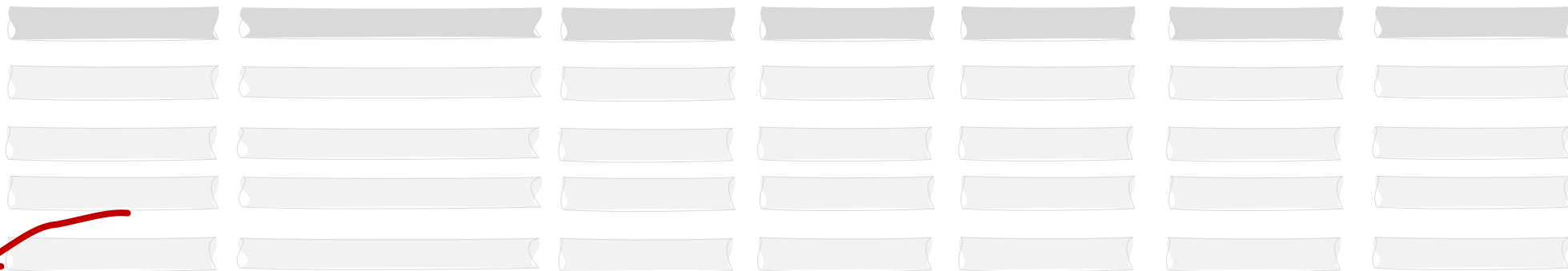
New Platform

Power BI

Recommended



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Power

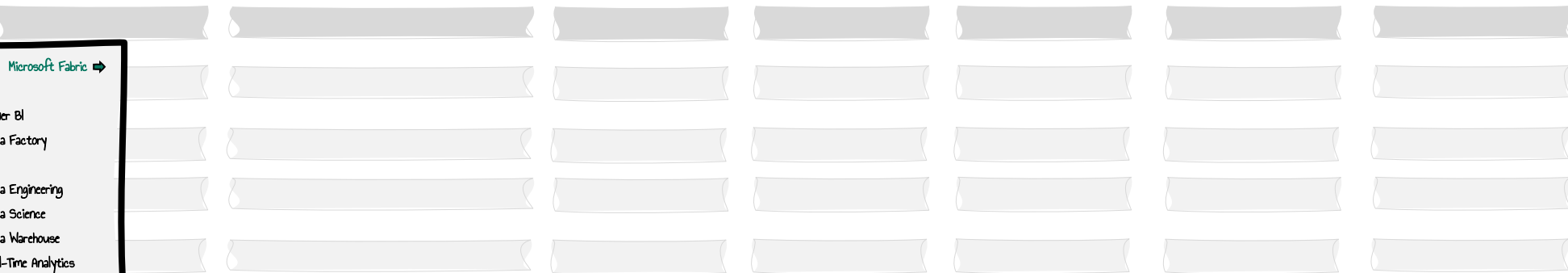
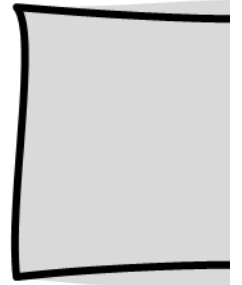
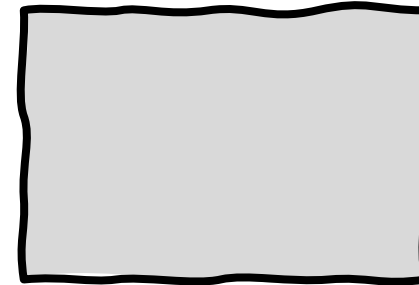
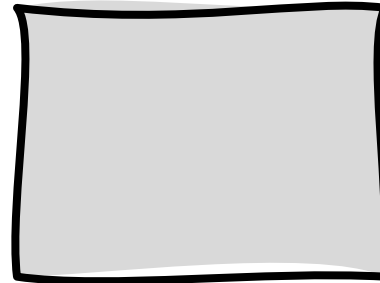
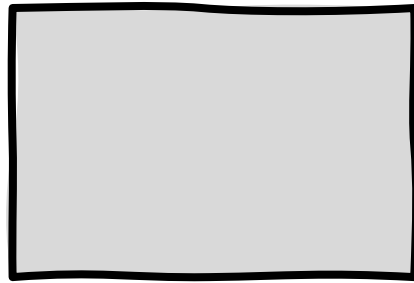
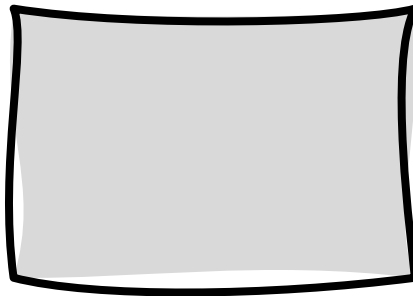
The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience, etl, movement

New Platform

Power BI

Recommended



Microsoft Fabric →

- Power BI
- Data Factory
- Synapse
- Data Engineering
- Data Science
- Data Warehouse
- Real-Time Analytics



Power BI

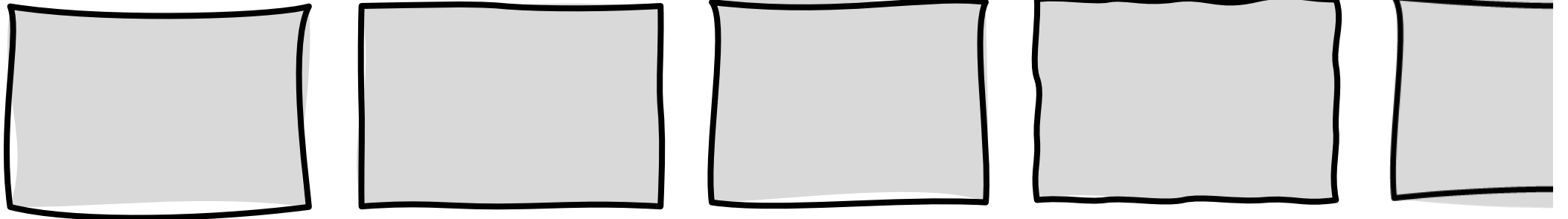
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New Platform

Power BI

Recommended



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Microsoft Fabric →

- Power BI
- Data Factory**
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Power BI

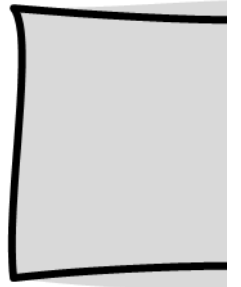
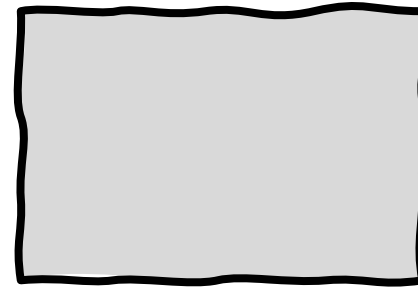
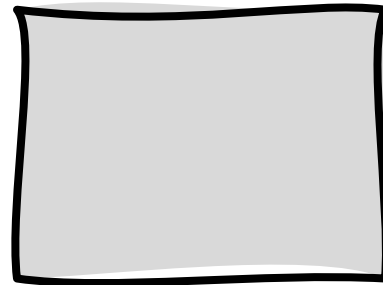
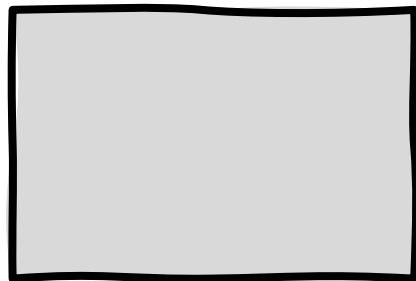
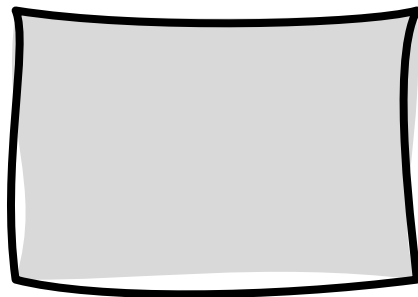
The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience, etl, movement

New Platform

Data Factory

Data Pipeline
(Preview)

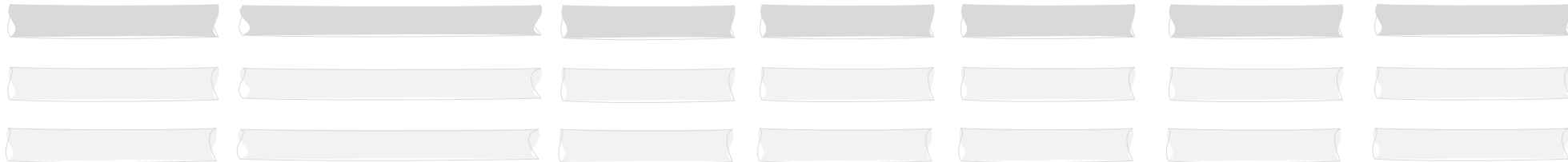
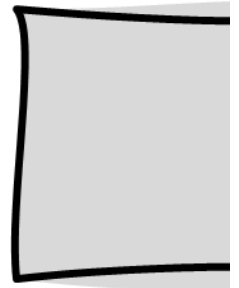
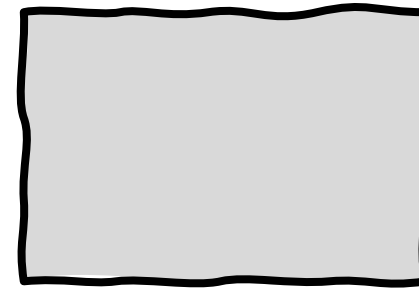
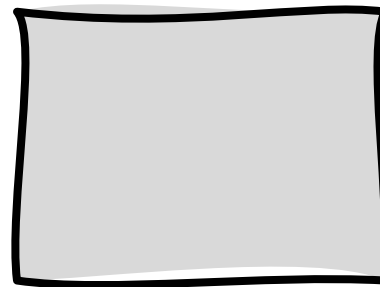
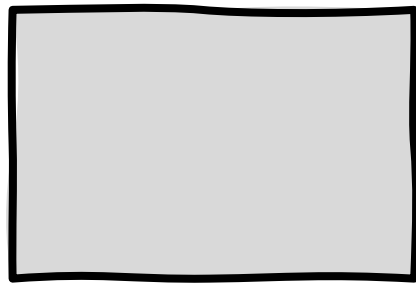
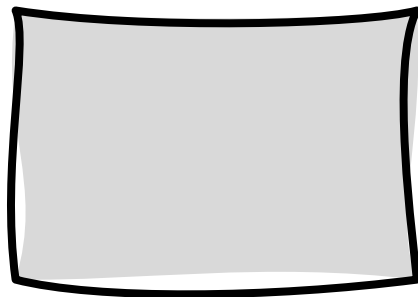
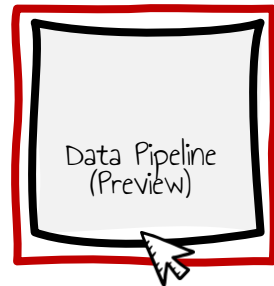


The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience, etl, movement

New Platform

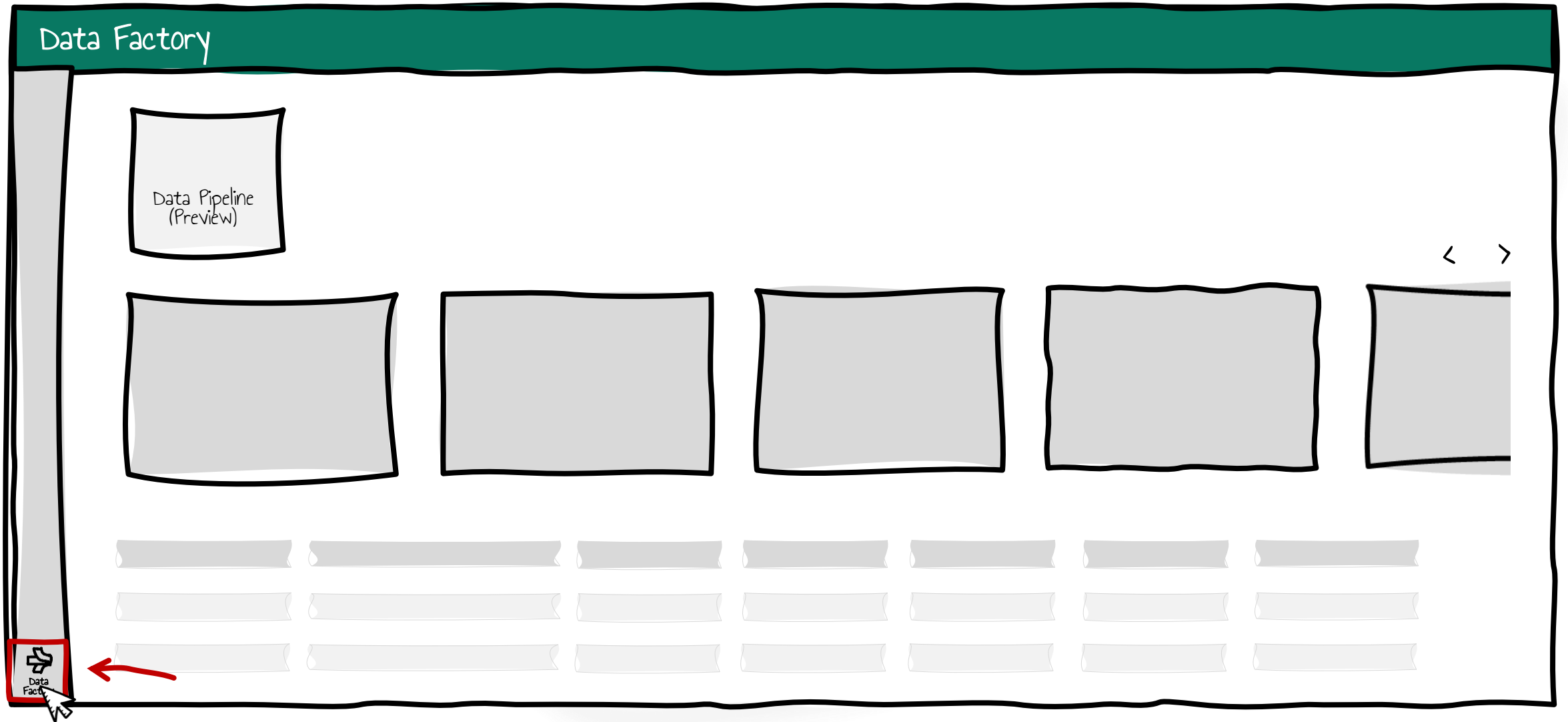
Data Factory



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tags: azure, analytics, ui, experience, etl, movement

New Platform



The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience, etl, movement

New Platform

Data Factory

Data Pipeline
(Preview)

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Microsoft Fabric ➡

- Power BI
- Data Factory
- Synapse
- Data Engineering
- Data Science
- Data Warehouse
- Real-Time Analytics

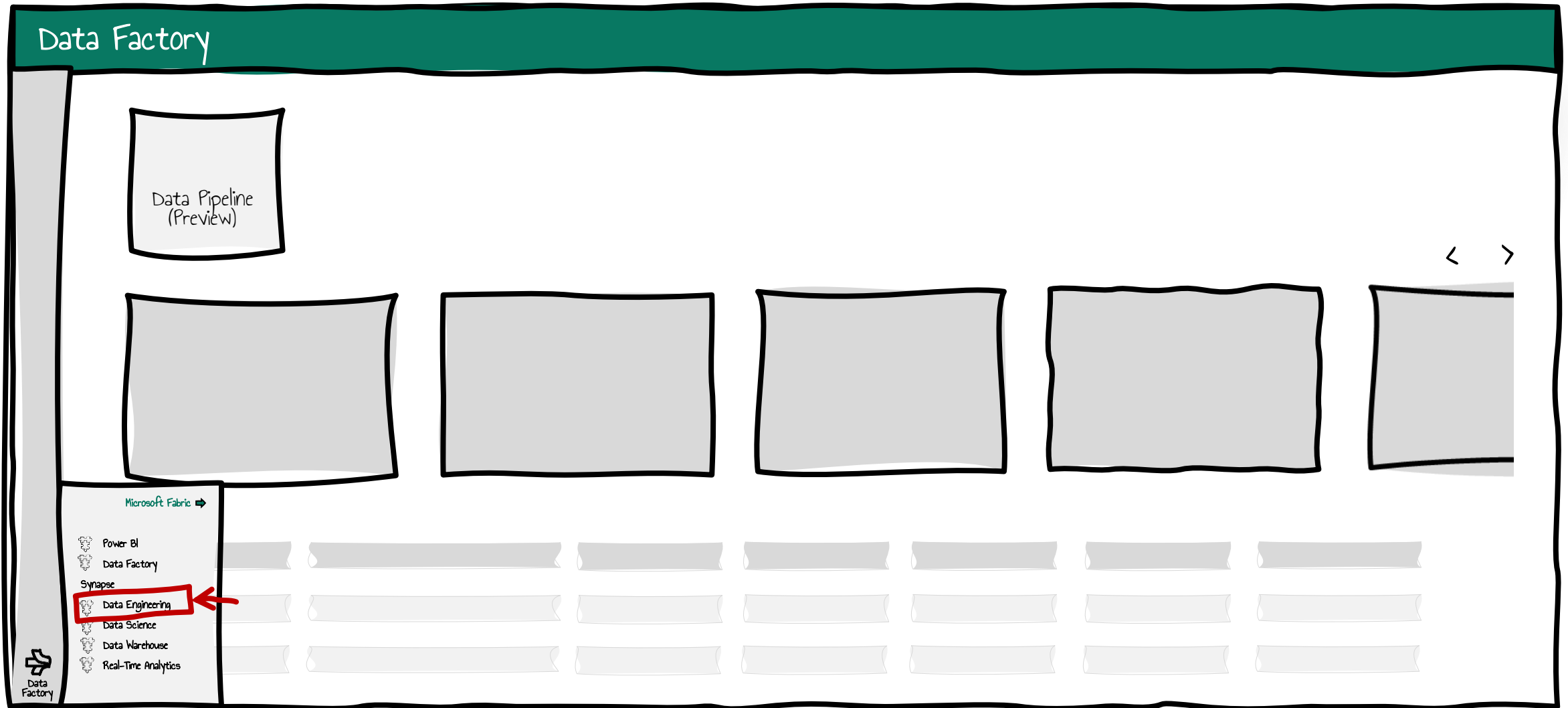


Data
Factory

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New Platform

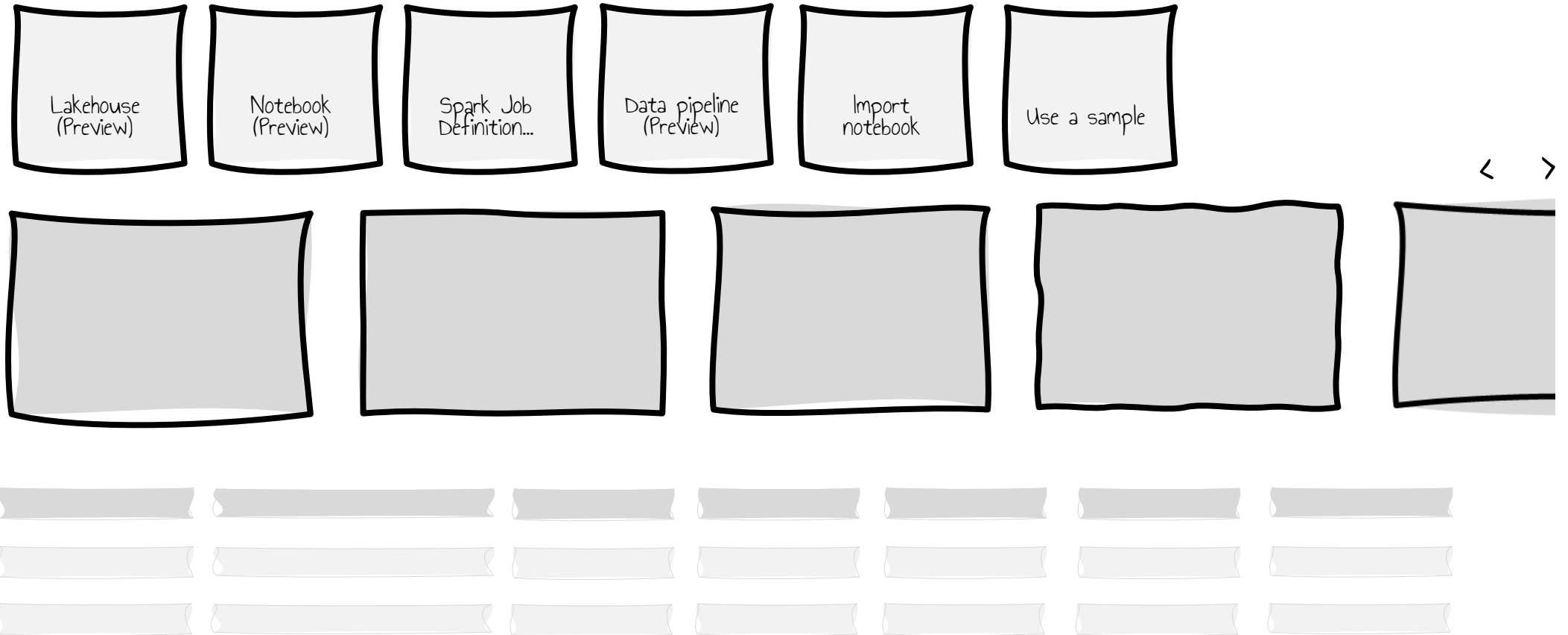


The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience, delta, parquet, python

New Platform

Synapse Data Engineering



The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience, delta, parquet, python

New Platform

Synapse Data Engineering

Lakehouse
(Preview)

Notebook
(Preview)

Spark Job
Definition...

Data pipeline
(Preview)

Import
notebook

Use a sample

< >





The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience, delta, parquet, python

New Platform

Synapse Data Engineering

Lakehouse Explorer

- > KarachiData
 - >  Tables
 - >  Files



The MS Fabric Platform | What's new and what changed? | Why switch?

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New Platform

Synapse Data Engineering

Lakehouse Explorer

- > KarachiData
 - >  Tables
 - >  Files
- } Lakehouse Content



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New Platform

Synapse Data Engineering

Lakehouse Explorer

> KarachData

>  Tables

>  Files

Exposed by OneLake



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Synapse Data Engineering

Lakehouse Explorer

> KarachiData

>  Tables

>  Files

Exposed by OneLake



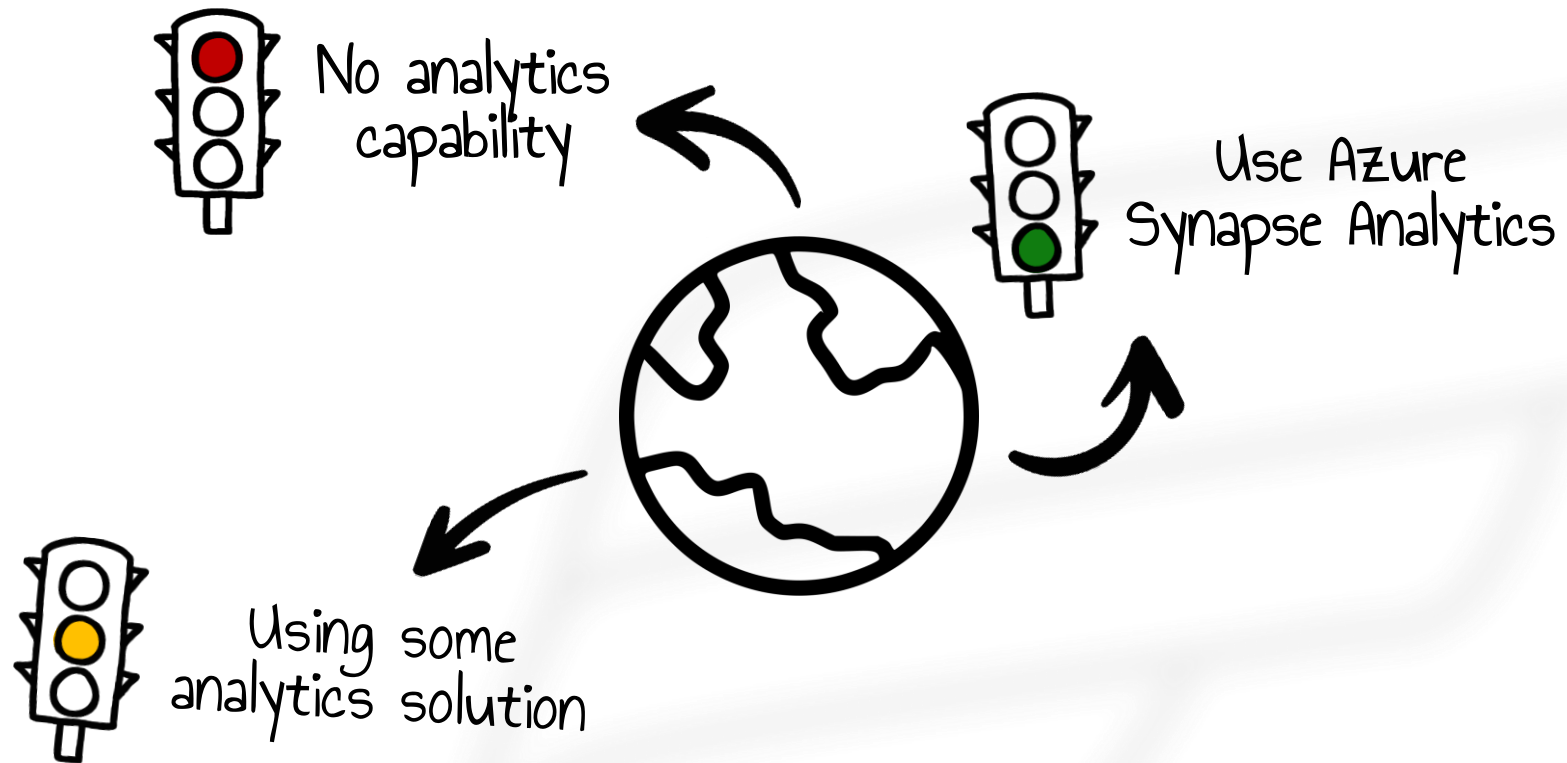

Stored in an
internal/external
database



Why switch?

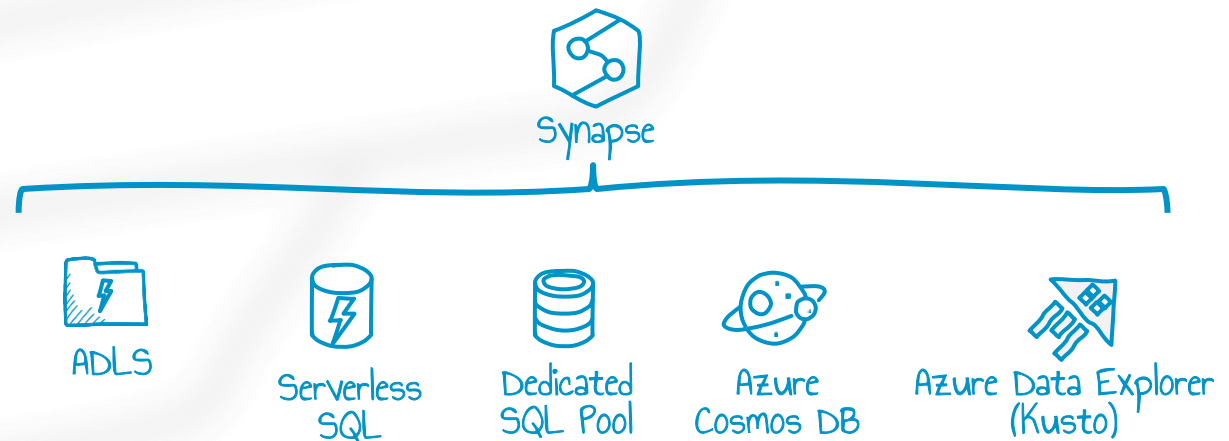
Reasons to use Microsoft Fabric in your org





Microsoft Fabric

Other DW Solutions +
Azure Synapse Analytics



The MS Fabric Platform | What's new and what changed? | Why switch?

tags: data, warehouse, lakehouse, old, new, comparison

Microsoft Fabric

Other DW Solutions +
Azure Synapse Analytics



S3



Synapse



Databricks



Synapse



Synapse



Snowflake

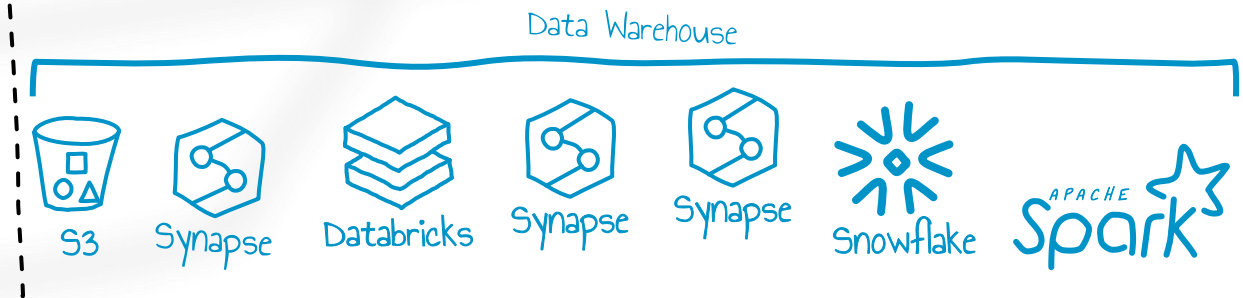


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Microsoft Fabric

Other DW Solutions +
Azure Synapse Analytics



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Microsoft Fabric

Other DW Solutions +
Azure Synapse Analytics



Power BI
Reports



ML
Experiments

Data Warehouse



S3



Synapse



Databricks



Synapse



Synapse



Snowflake

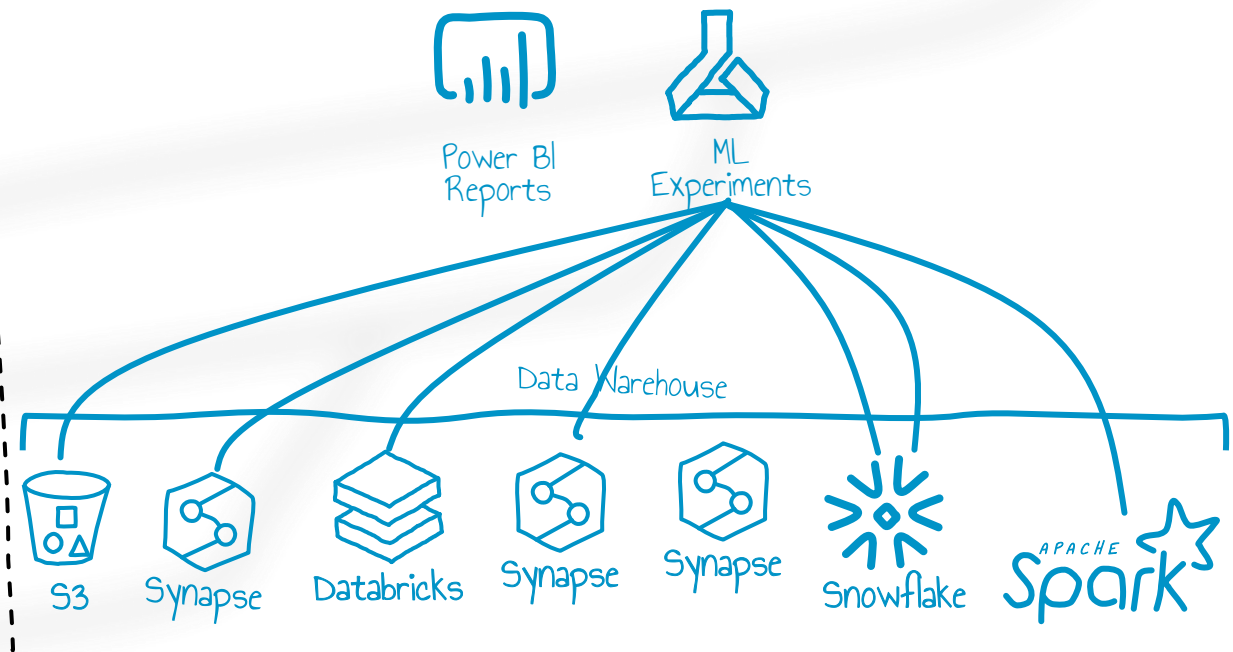


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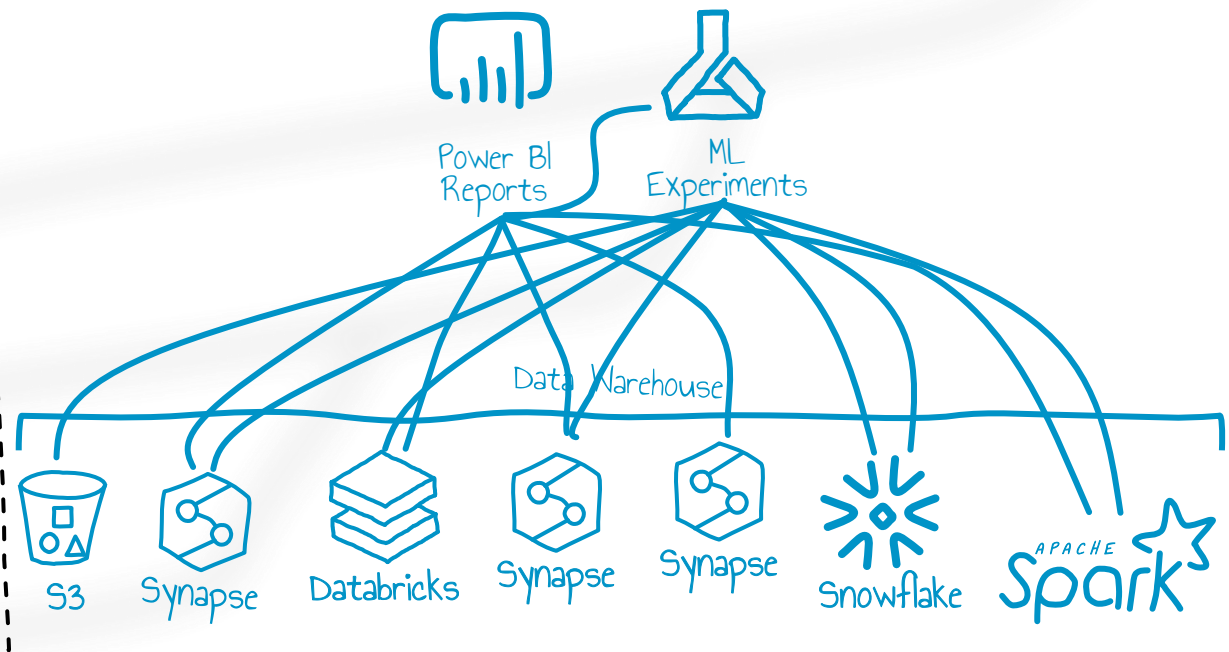
Other DW Solutions +
Azure Synapse Analytics



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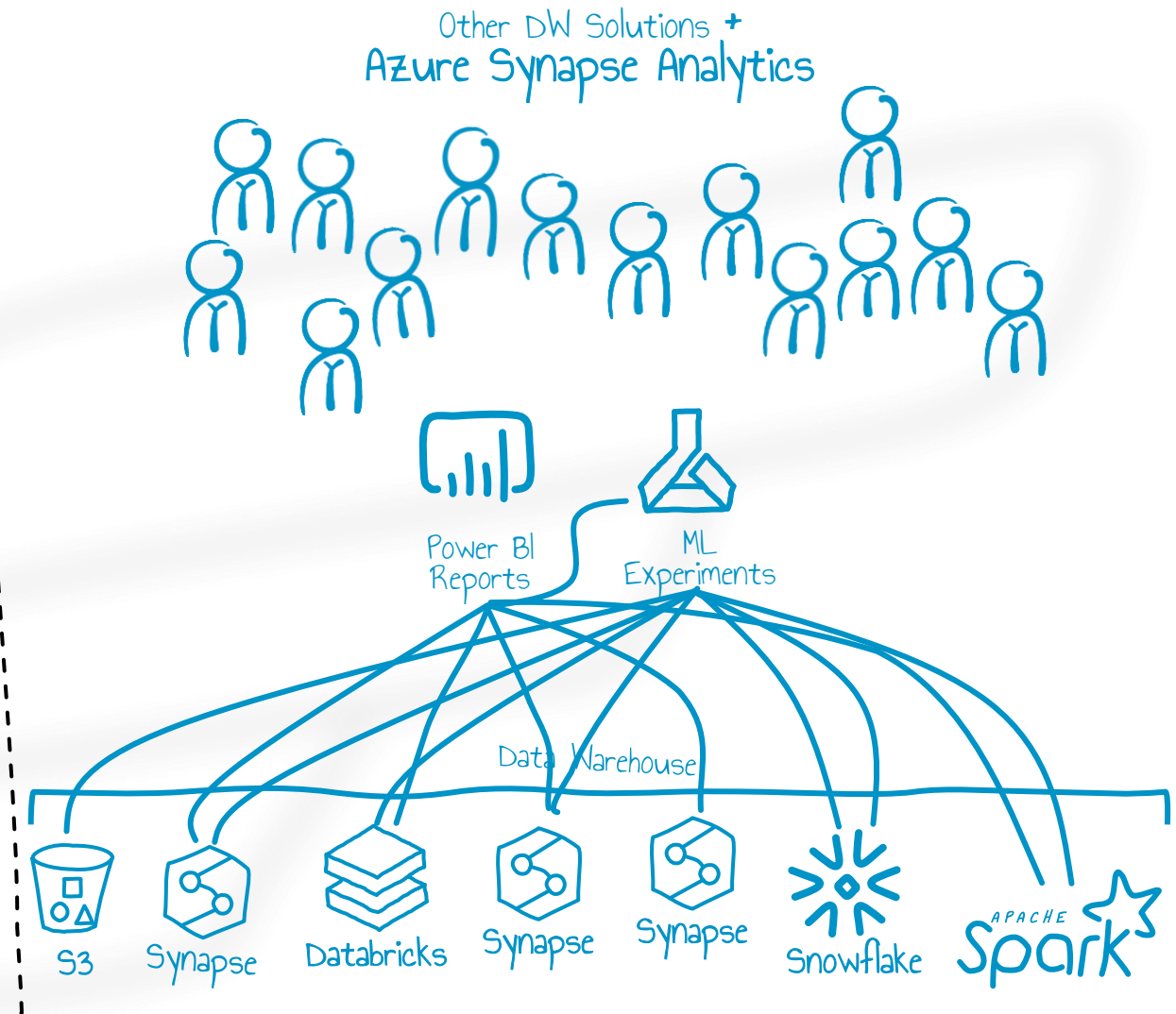
Microsoft Fabric

Other DW Solutions + Azure Synapse Analytics



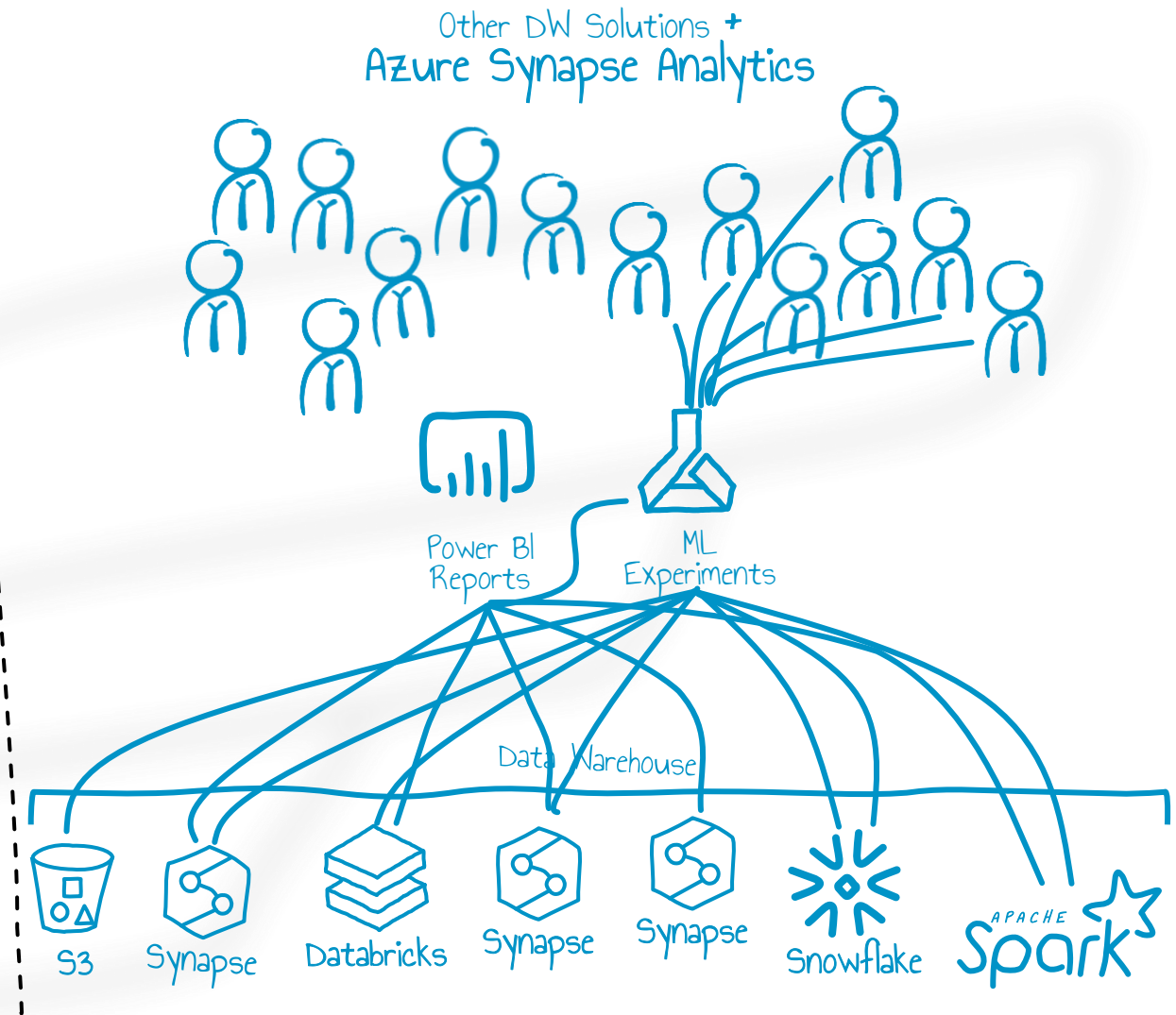
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Microsoft Fabric



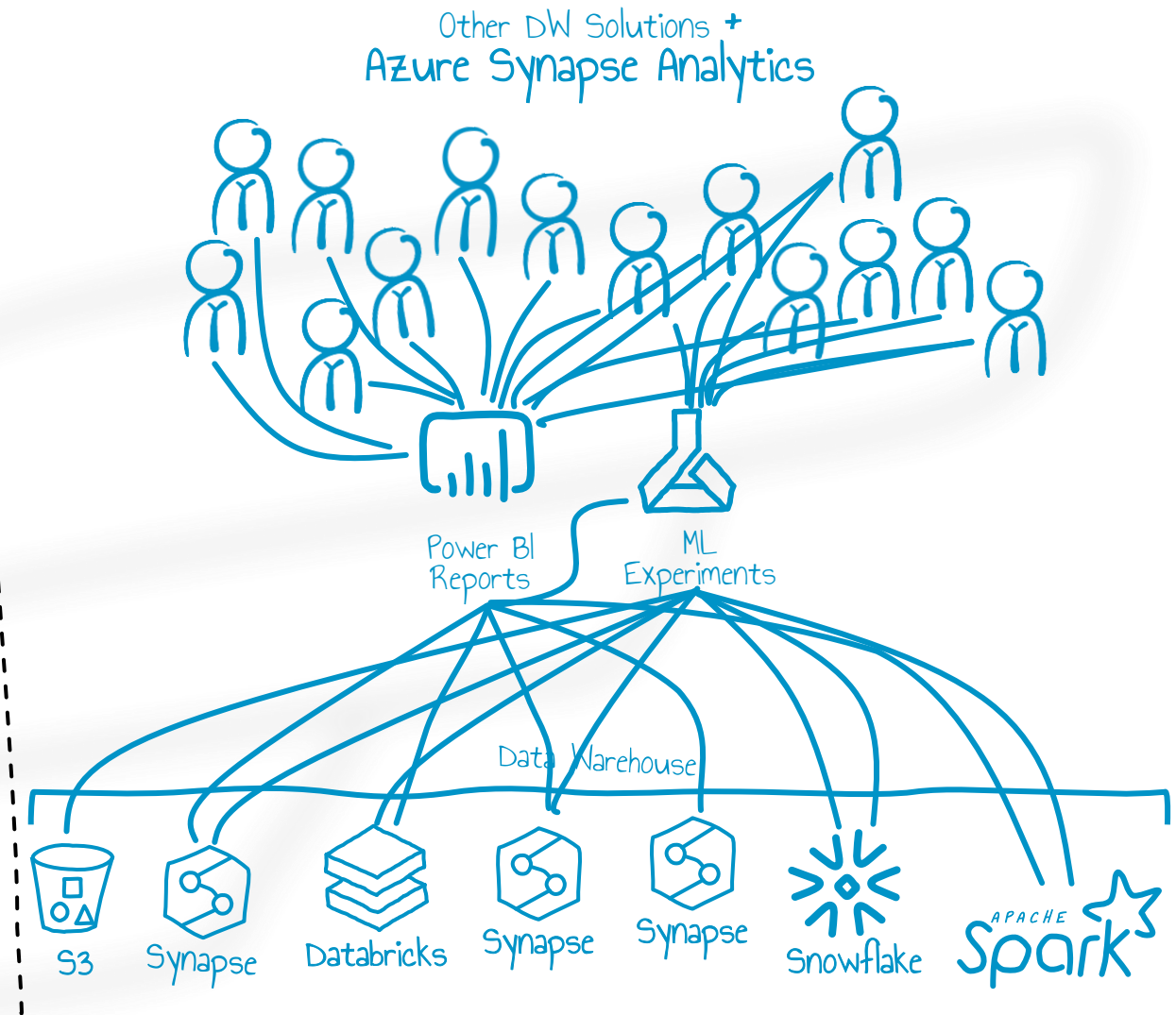
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Microsoft Fabric



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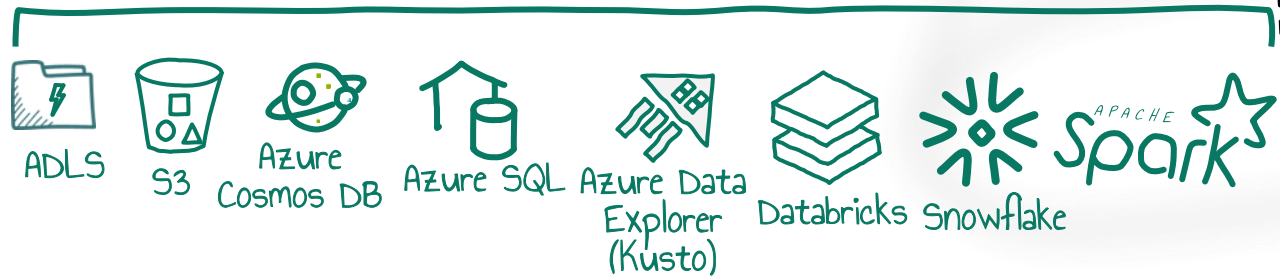
Microsoft Fabric



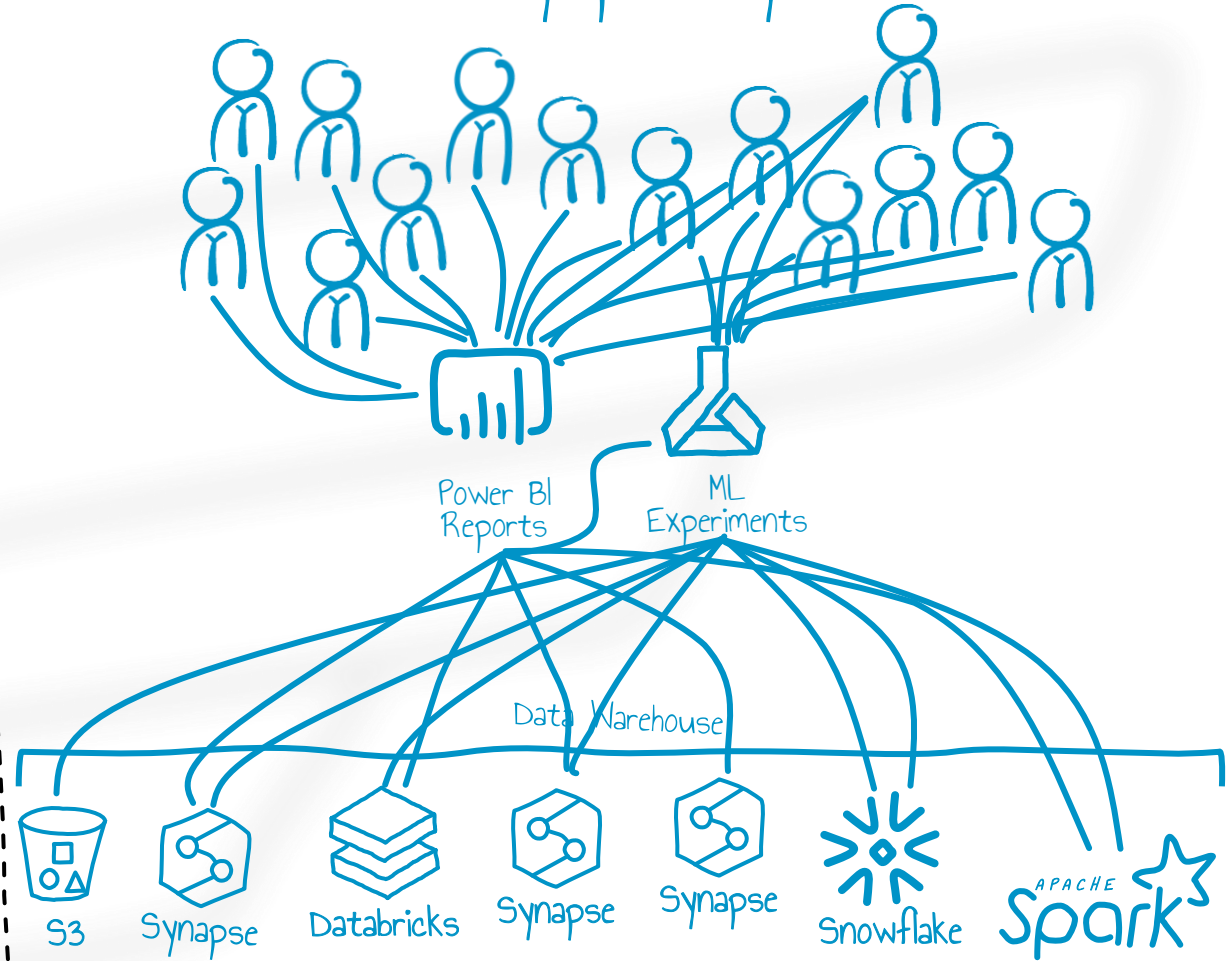
The MS Fabric Platform | What's new and what changed? | Why switch?

tags: data, warehouse, lakehouse, old, new, comparison

Microsoft Fabric



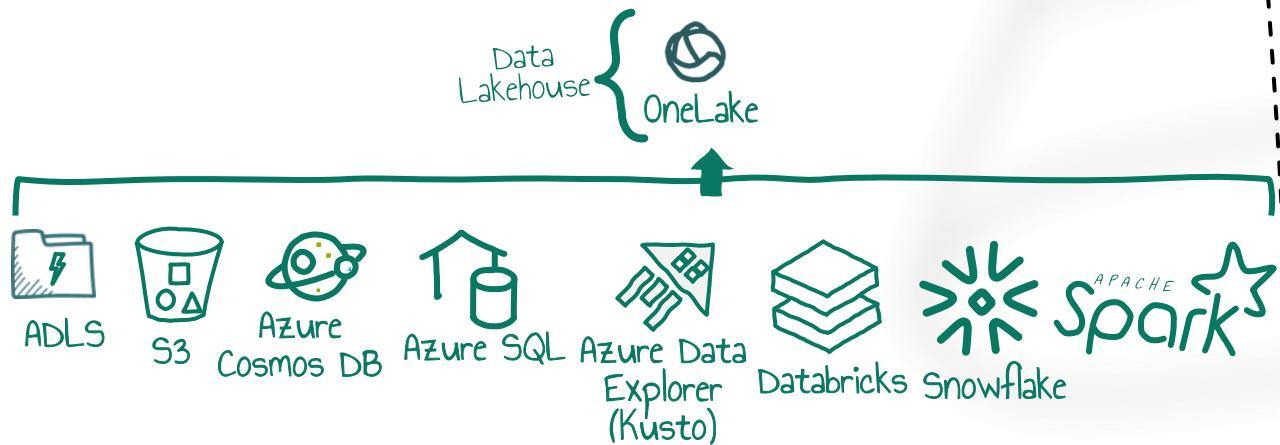
Other DW Solutions + Azure Synapse Analytics



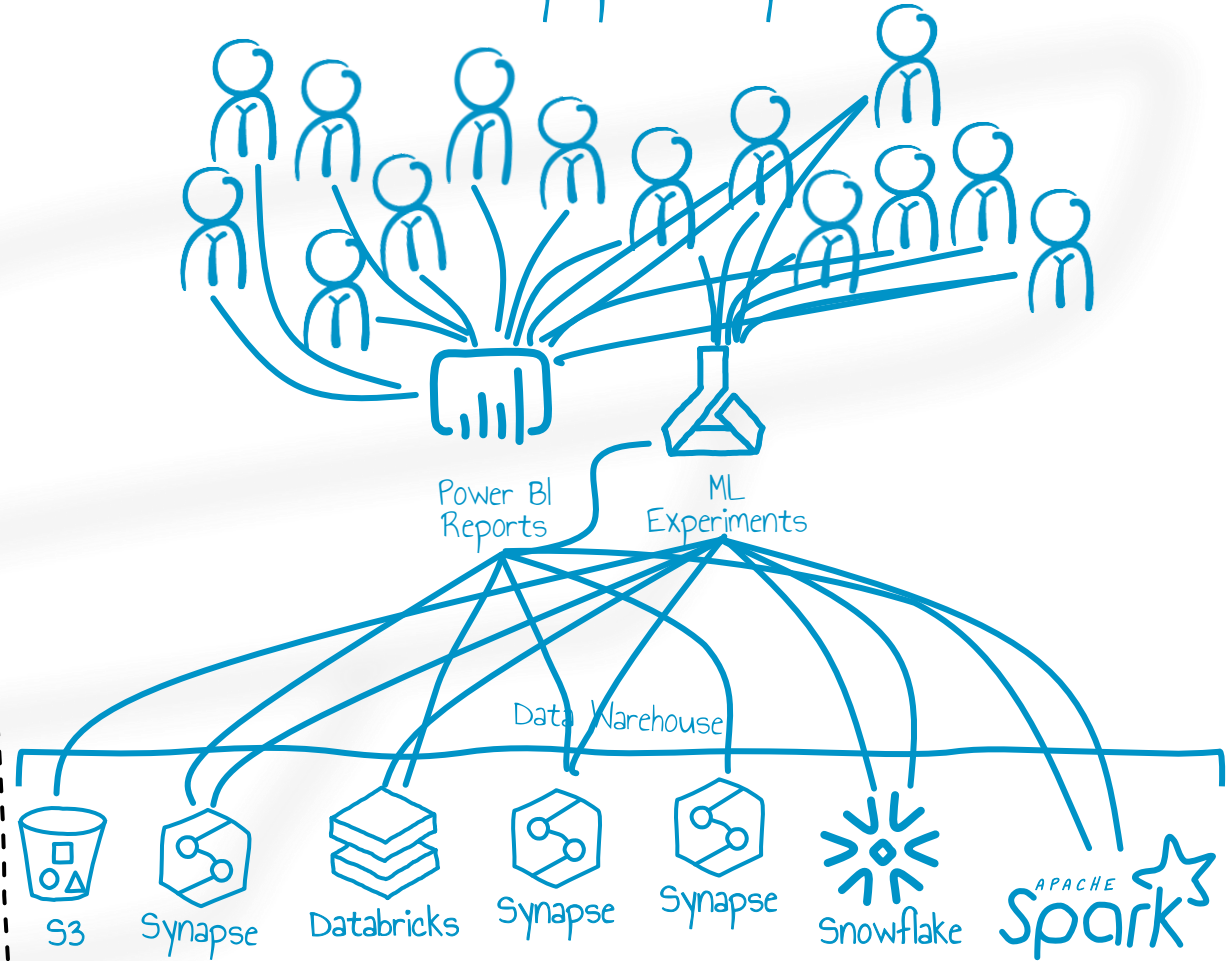
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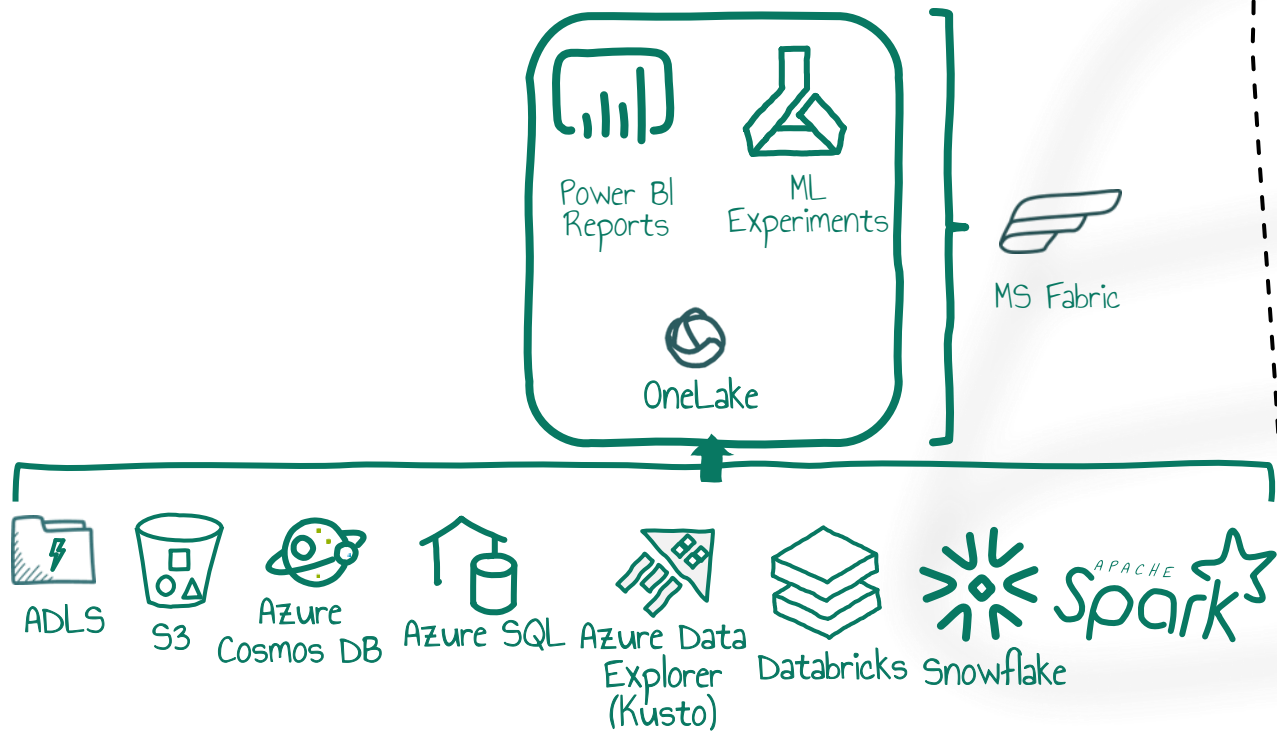
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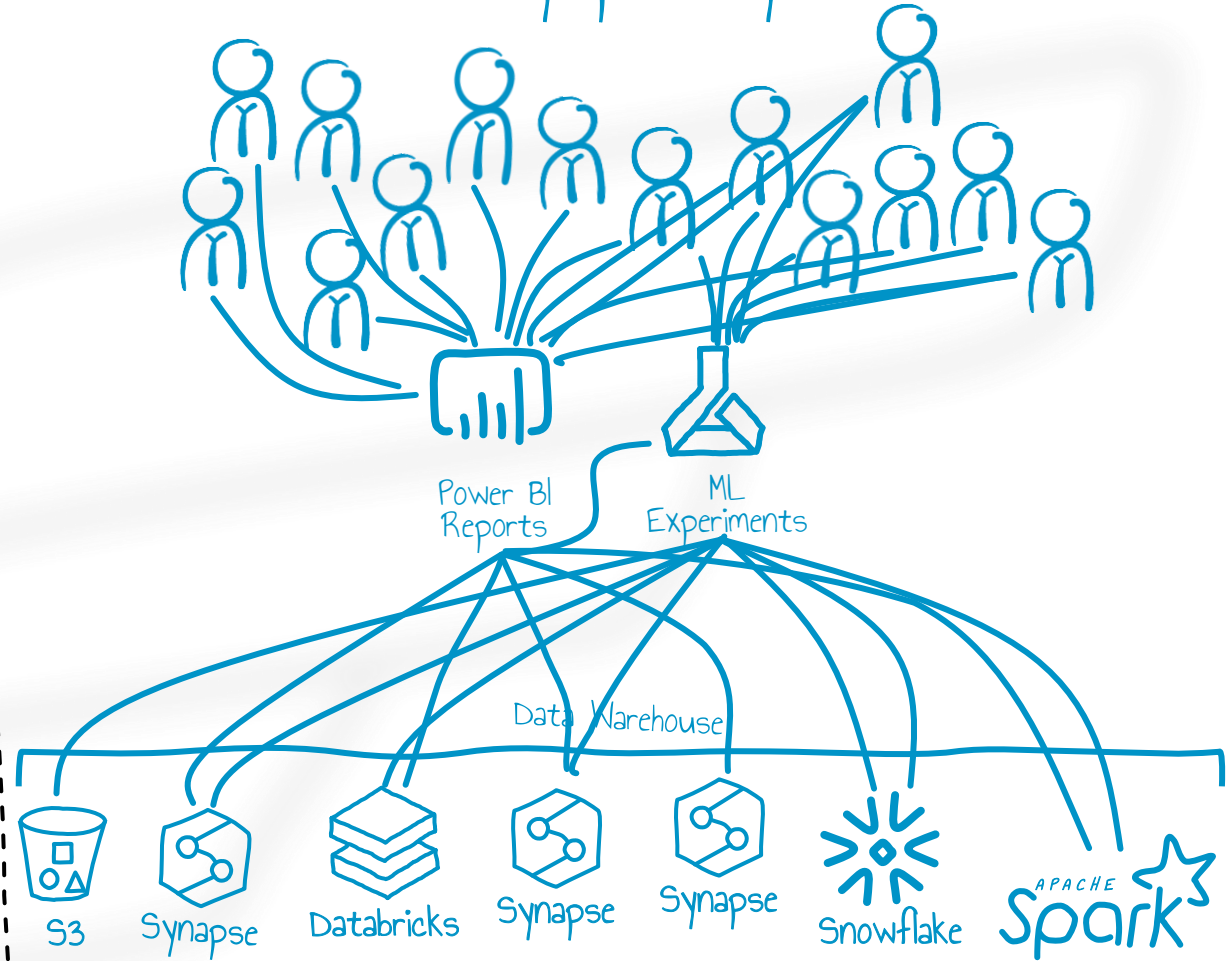
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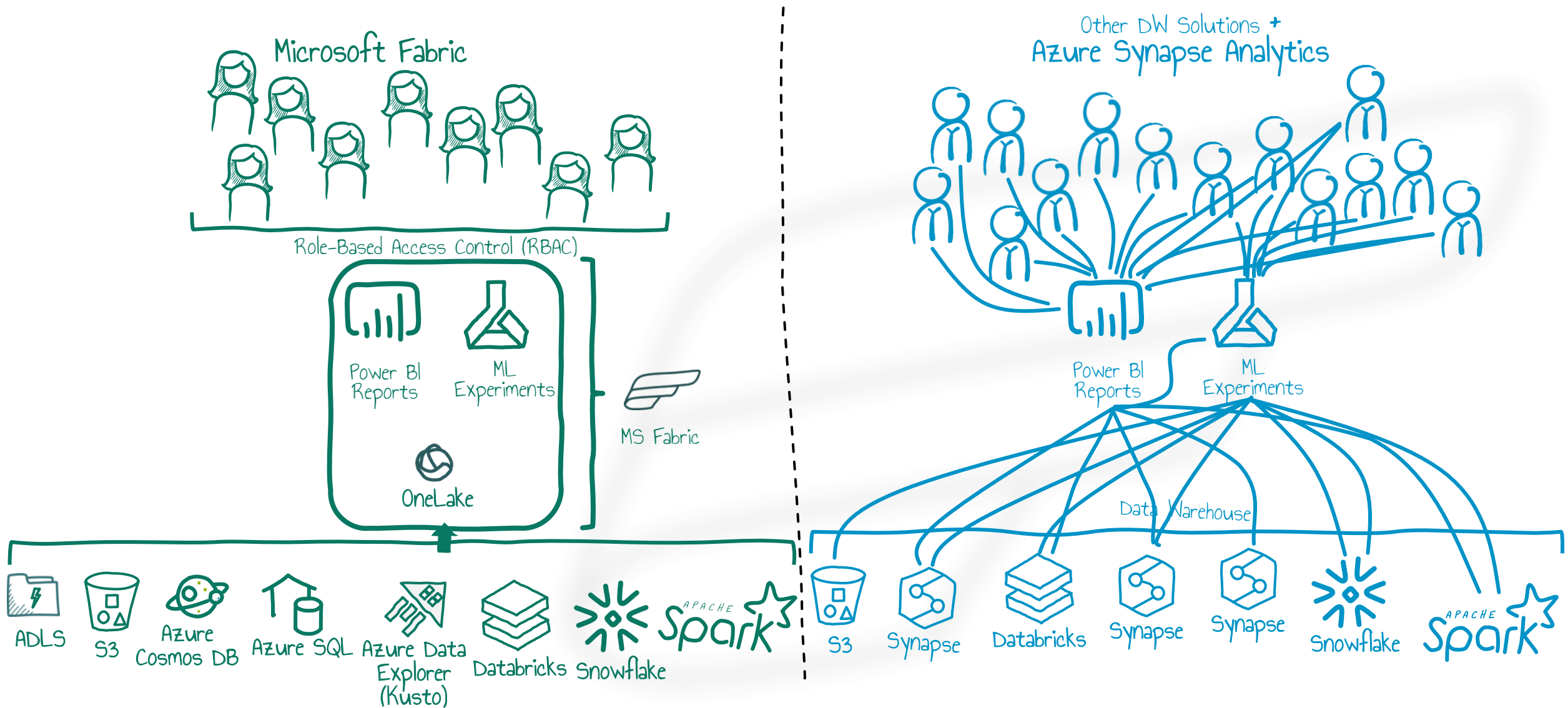


Other DW Solutions + Azure Synapse Analytics



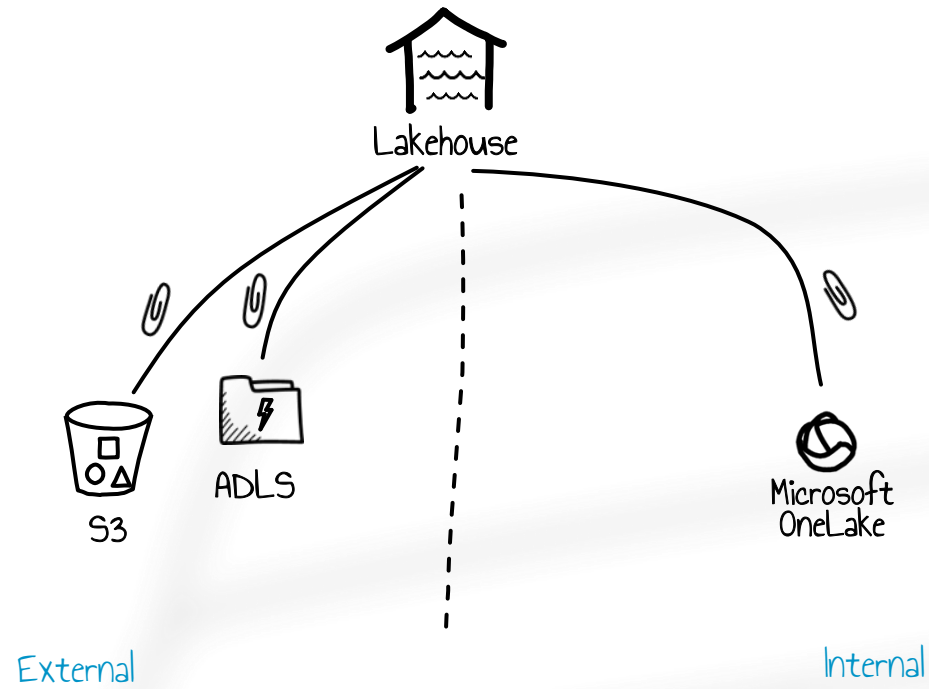
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The MS Fabric Platform | What's new and what changed? | Why switch?

tags: data, lakehouse, old, internal, external




The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience

New Platform

Synapse Data Engineering

Lakehouse Explorer

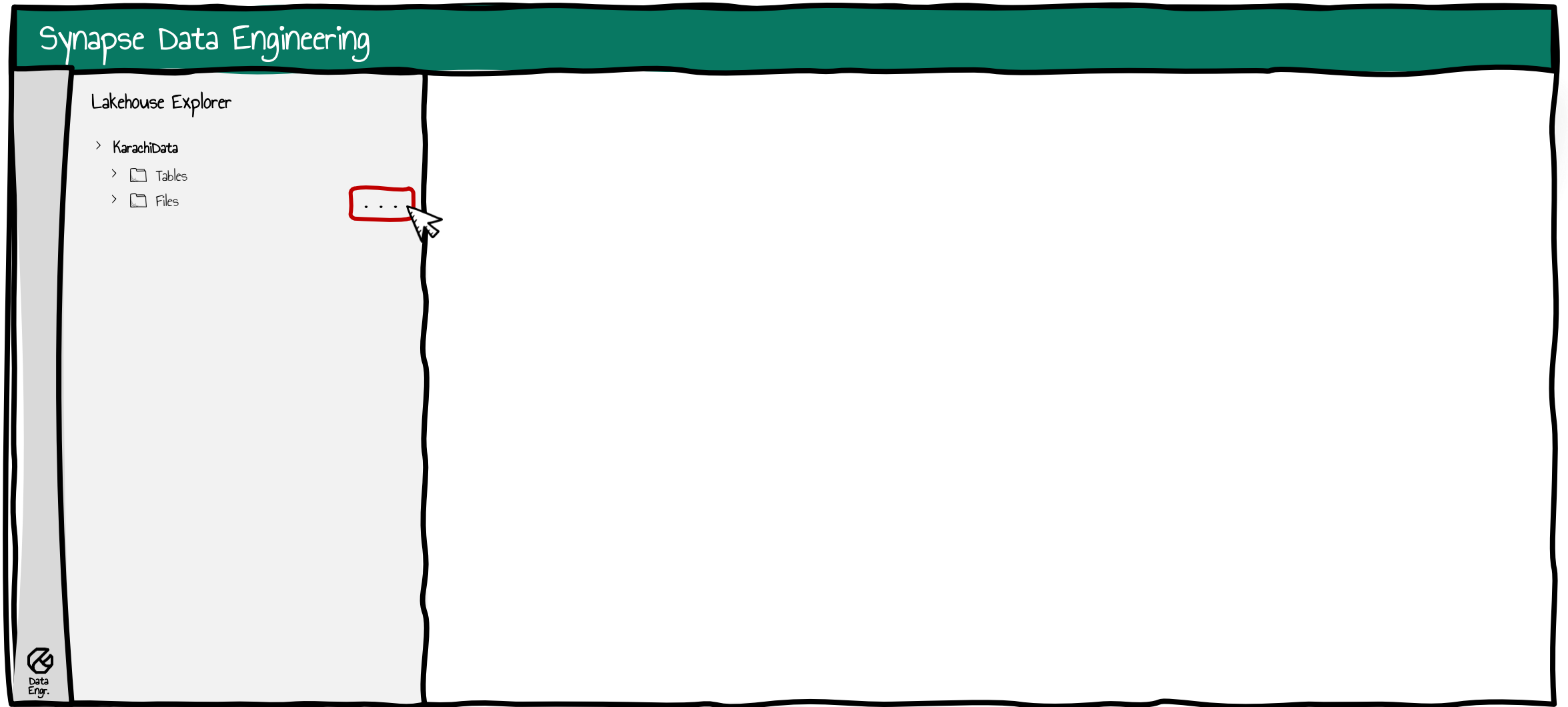
- > KarachiData
 - >  Tables
 - >  Files



The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience

New Platform



The MS Fabric Platform | What's new and what changed? | Why switch?

Synapse Data Engineering

Lakehouse Explorer

- > KarachiData
 - > Tables
 - > Files



Synapse Data Engineering

Lakehouse Explorer

- > KarachiData
 - > Tables
 - > Files



No need to move the data to a data-store inside Microsoft Fabric



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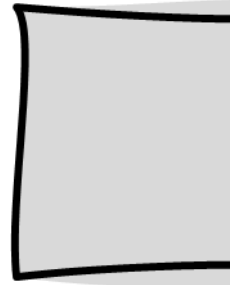
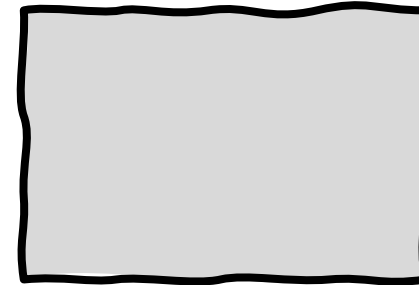
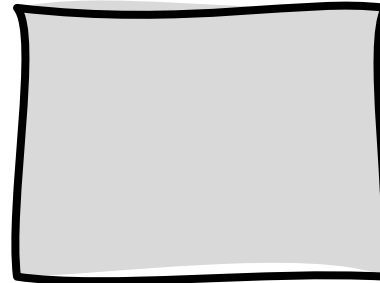
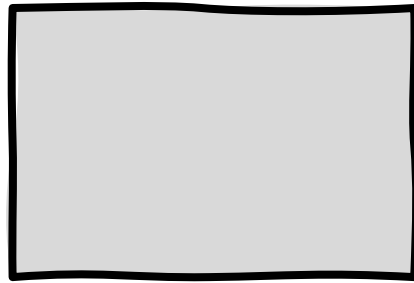
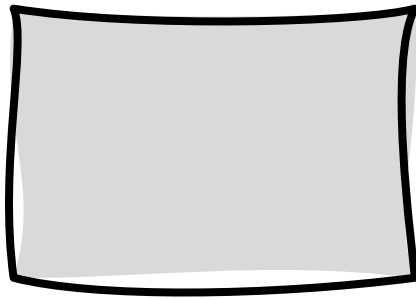


tags: azure, analytics, ui, experience, reporting , artificial intelligence, machine learning, openai, chatgpt

New Platform

Power BI

Recommended





The MS Fabric Platform | What's new and what changed? | Why switch?

tags: azure, analytics, ui, experience, reporting , artificial intelligence, machine learning, openai, chatgpt

New Platform

Power BI



Create content with Copilot

Ask a question or request, or type '/' for suggestions



Power BI

The MS Fabric Platform | What's new and what changed? | Why switch?

Power BI



Create content with Copilot

Create a report to summarize a tax collected in the city
and the ability to filter by the district commissioner



Power BI

Power BI

Tax Revenue collected in Karachi



Why Microsoft Fabric?



Lakehouse
Architecture



Shortcuts
to data



Generative
Capability





Thank You!



Adnan Hashmi

 aka.ms/Adnan

 pkstn.co/Adnan

Voice Clone by



Video Created By

