The Combined Power of Microsoft Fabric

For the Data Engineer, Data Analyst and Data Governance Manager

dataMinds Connect 2023

Emilie Rønning, Ioana Bouariu and Marthe Moengen

Emilie Rønning

Senior Data Engineer
QUARKS

@EmilieRonning

- Data Saturday Oslo
- MDPUG Norway
- Fabric February

Azure, Databricks, ADF, Architecture

Ioana Bouariu

Managing BI Consultant
Amesto Insight

@JojobitTweets

- Data Saturday Oslo
- Fabric February

Azure, Power BI, PowerShell, coding & automation

Marthe Moengen

Managing Data Analyst
Sopra Steria

@mmoengen

- Data Saturday Oslo
- MDPUG Norway
- WITs Who Lunch
- Fabric February

Azure, Architecture, Databricks, Governance, MDM

Thank you, partners

KOHERA

element 61
experience & expertise

lytix

bmatix
Act informed

inetum
realdolmen
Positive digital flow

datasense

MICROPOLE
BELUX

LACO

MYRMIDONS

AKABI

Cloubis

datashift

EpicData.

Sparkle

Tabular Editor

solarwinds

U2U

ae Adapt
and
Enable

MONIN
Database Managed Services

proximus NXT
tech. bizz. people.

tillit data
shapers

ORDINA
Ahead of change

The Combined Power of Microsoft Fabric

Data Engineer

Data Analyst

Data Governance Manager

10:44 AM

Hey Ioana. New dataset ready for you in OneLake, with medallion architecture all set. Have fun!

Ioana 10:45 AM

Thx Emms. Just in time! I'll start looking at the data for the report

Ioana is typing ●●●

Hey Ioana. New dataset ready for you in OneLake, with medallion architecture all set. Have fun!

DEMO

Dataflow Gen2

WHY USE THAT?

The Development interface is the same:
Power Query

Pluses 😍

Lots of Data sources

More Data destinations

Improved monitoring and refresh history

Auto-Save and background publishing

Integration with data pipelines

Get Data via Dataflows connector

Minuses 🥵

No Direct Query via Dataflows connector

No incremental refresh

No AI Insights Support

Dataflow Gen2

WHY USE THAT?

Feature	Dataflow Gen2
Development interface: Power Query	👍
Data sources	😍
Data destinations	😍
Improved monitoring and refresh history	🤩
Auto-Save and background publishing	🤩
Integration with data pipelines	🤩
Get Data via Dataflows connector	👍
Direct Query via Dataflows connector	😟
Incremental refresh	🤔
AI Insights Support	😰

Dataflow Gen2

HOW DOES IT WORK?

⚇	Dataflow Reviews Sent Score	↻ 🗐 ⋯	Dataflow Gen2	Ioana Bouariu
▦	DataflowsStagingLakehouse		Dataset (default)	DataVikings
⌂	DataflowsStagingLakehouse		SQL endpoint	DataVikings
⌂	DataflowsStagingLakehouse		Lakehouse	Ioana Bouariu
▦	DataflowsStagingWarehouse		Dataset (default)	DataVikings
⌂	DataflowsStagingWarehouse		Warehouse	Ioana Bouariu

Tips:

Uncheck enable staging.

Don't delete these.

Same workspace for dataflow and destination.

Dataflow Gen2

HOW DOES IT WORK?

⚇	Dataflow Reviews Sent Score
⊞	DataflowsStagingLakehouse
⌂	DataflowsStagingLakehouse
⌂	DataflowsStagingLakehouse
⊞	DataflowsStagingWarehouse
⌂	DataflowsStagingWarehouse
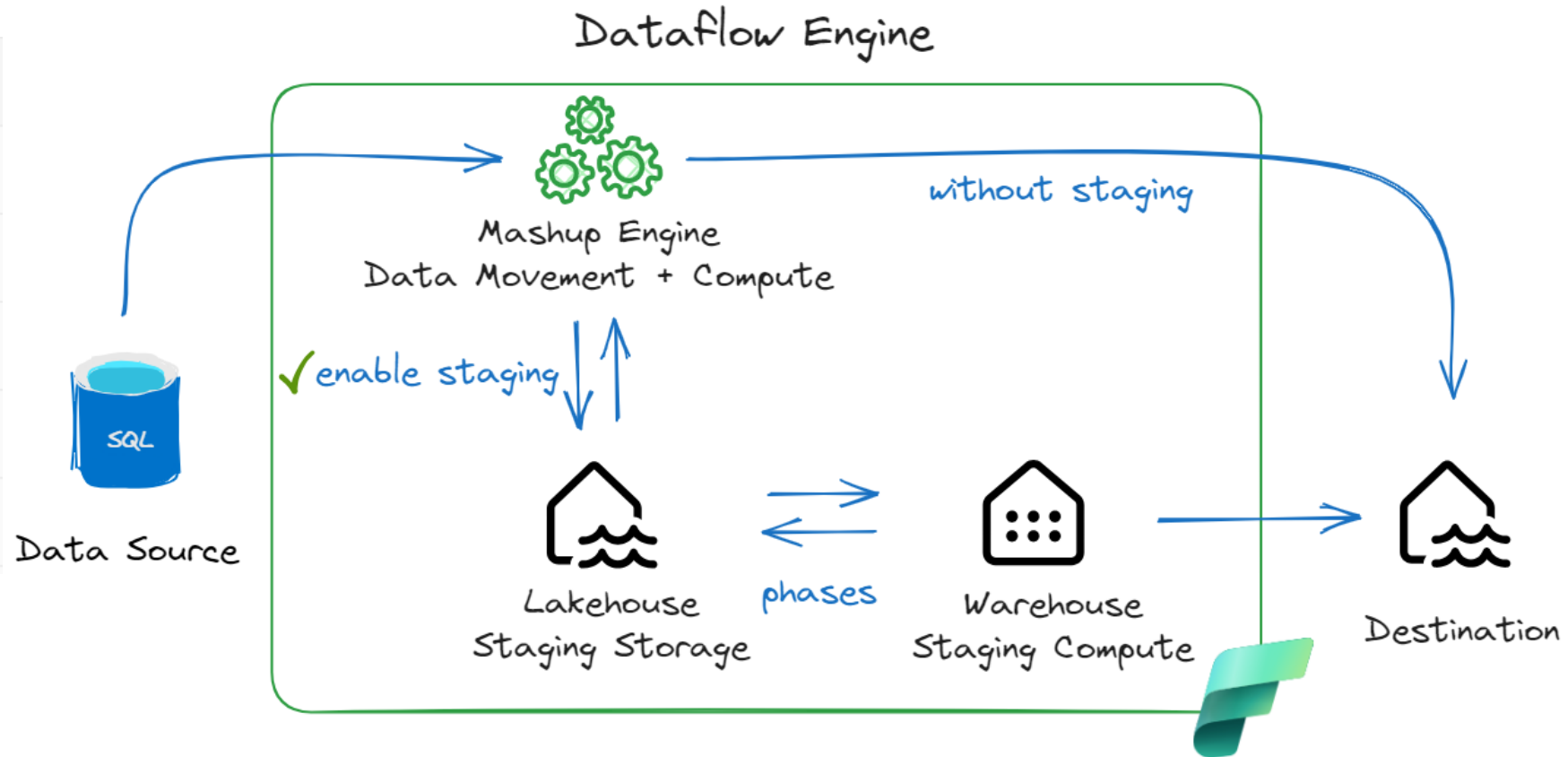
Tips:

Uncheck enable staging.

Don't delete these.

Same workspace for dataflow and destination.

Dataflow Engine

Mashup Engine
Data Movement + Compute

without staging

✓ enable staging

SQL

Data Source

Lakehouse
Staging Storage

phases

Warehouse
Staging Compute

Destination

11:15 AM

Hey Emms. I got the reviews in with a dataflow! Power Query all the way 💪

✓

Emilie 11:16 AM

E

That's neat! We can integrate that dataflow into the data pipelines!

✓

E Emilie is typing •••

Hey Emms. I got the reviews in with a dataflow! Power Query all the way 💪

11:15 AM

Hey Emms. I got the reviews in with a dataflow! Power Query all the way

Emilie 11:16 AM

That's neat! We can integrate that dataflow into the data pipelines!

Marthe 11:20 AM

Girls, we have to think about the data governance

M Marthe is typing ●●●

Want to learn more about Fabric?

Join us February 8th, 2024 • Oslo, Norway

fabric
FEBRUARY

www.fabricfebruary.com
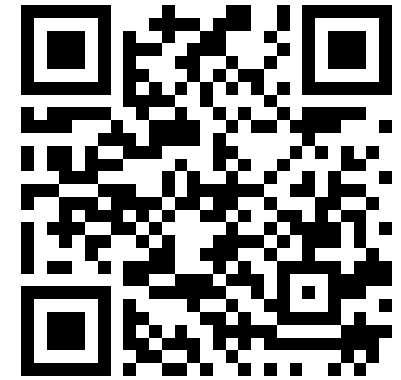
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Thank you!

https://bit.ly/
dMC2023_SessionFeedback