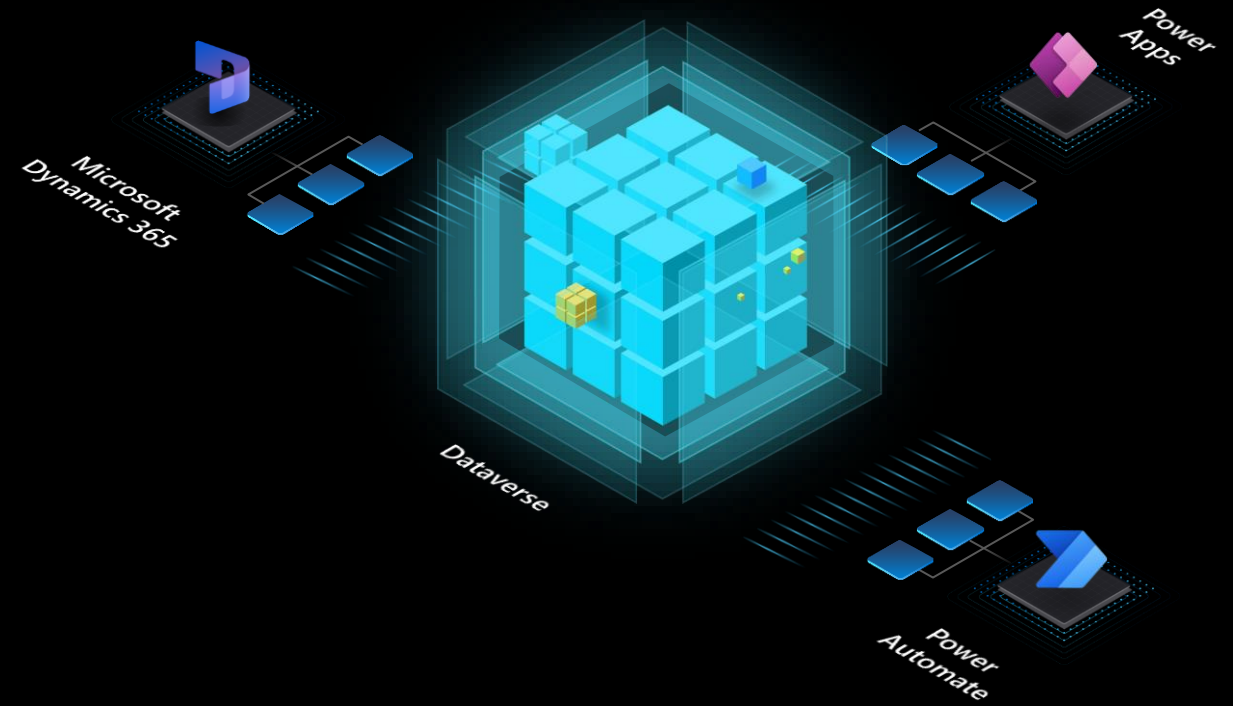


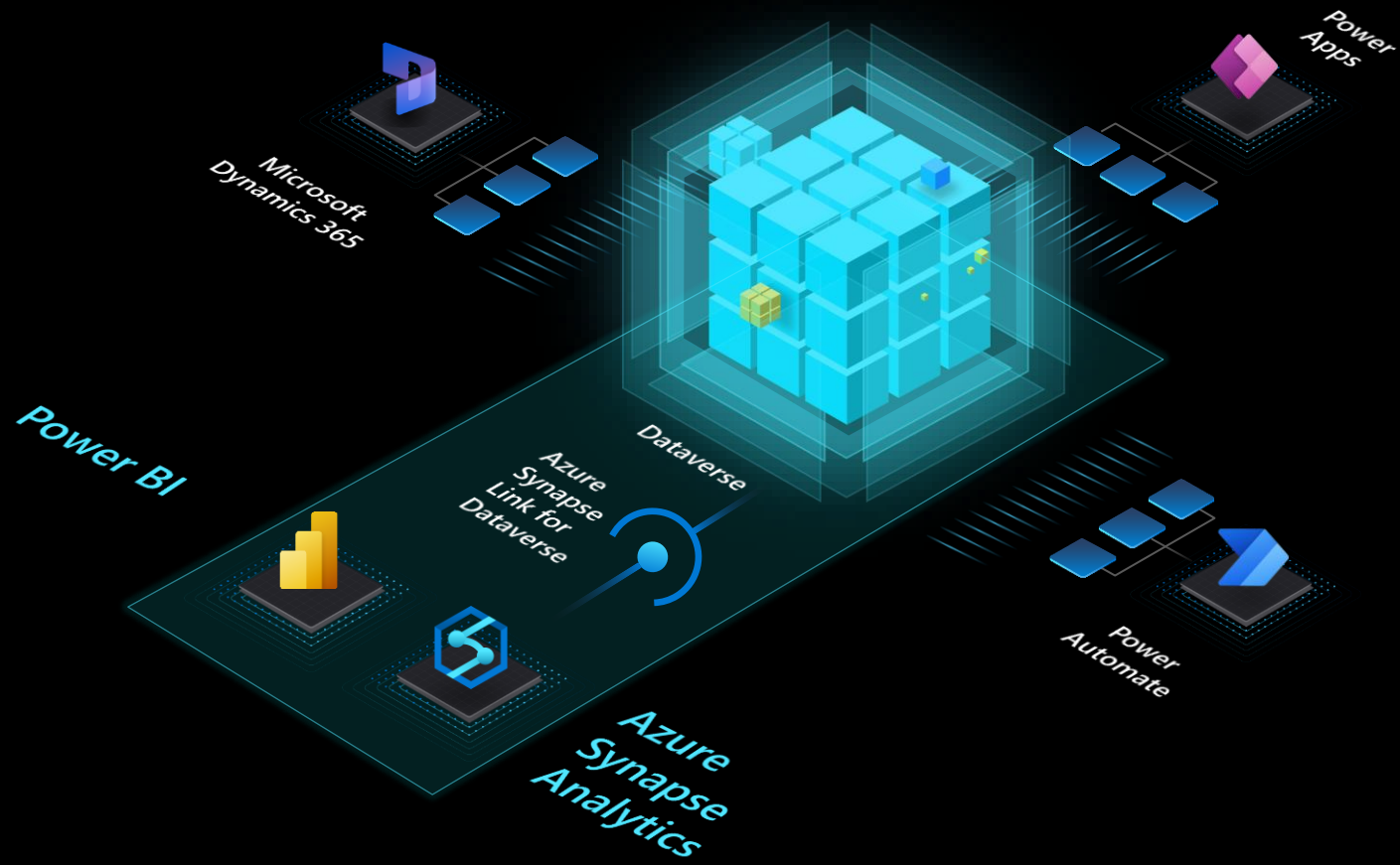
# Dataverse

## Power BI & Synapse Analytics

**Trond Brande**

Senior Cloud Solution Architect, Data & Analytics

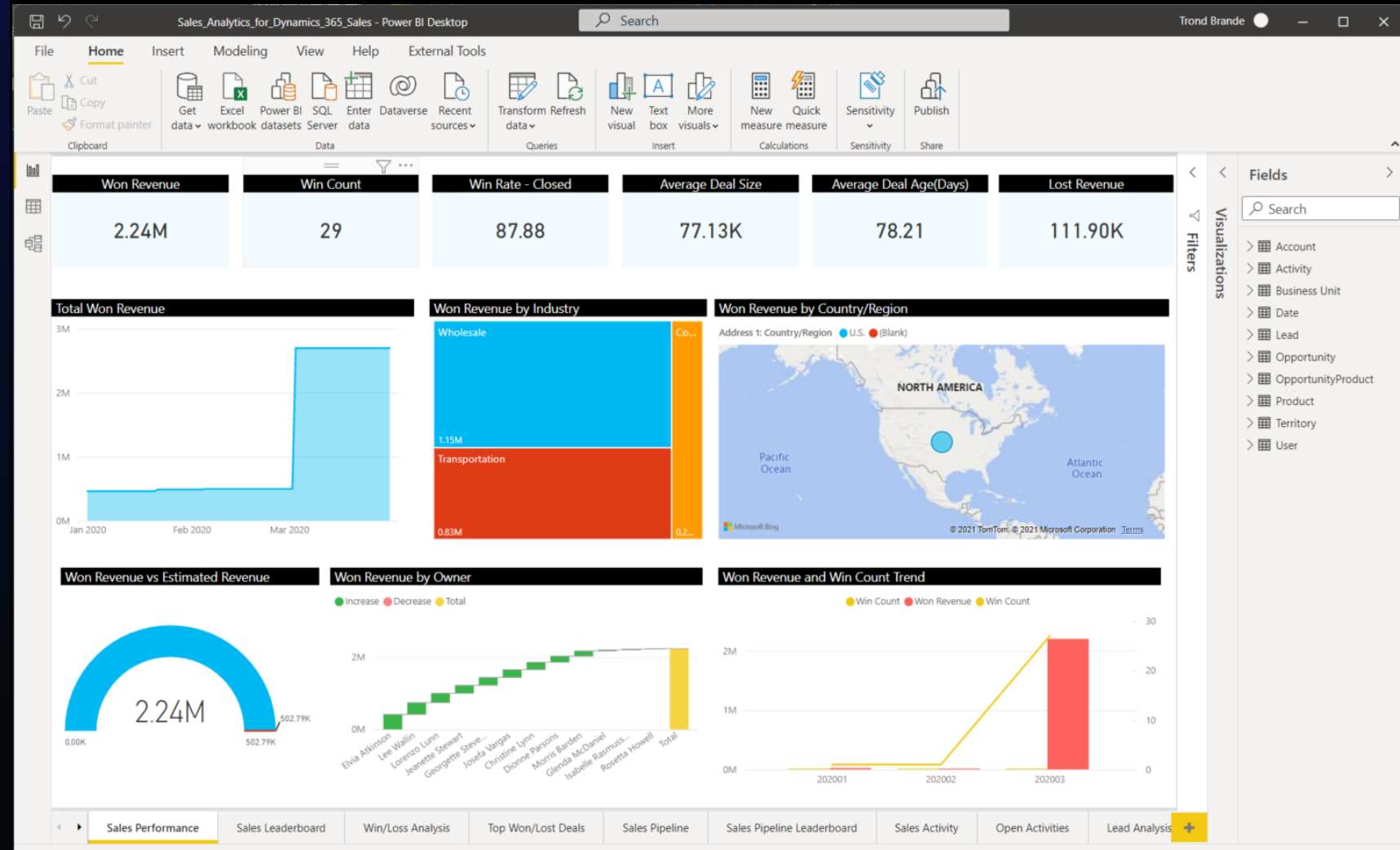




# Power BI

Demo

PBI Desktop  
PBI Service



```
-- PBI Query
```

```
let
```

```
    Source = CommonDataService.Database("org075b77f1.crm.dynamics.com"),
```






```
    DataverseSQL = Value.NativeQuery(Source, "select subject as [Subject], description as [Meeting Description], loca
```

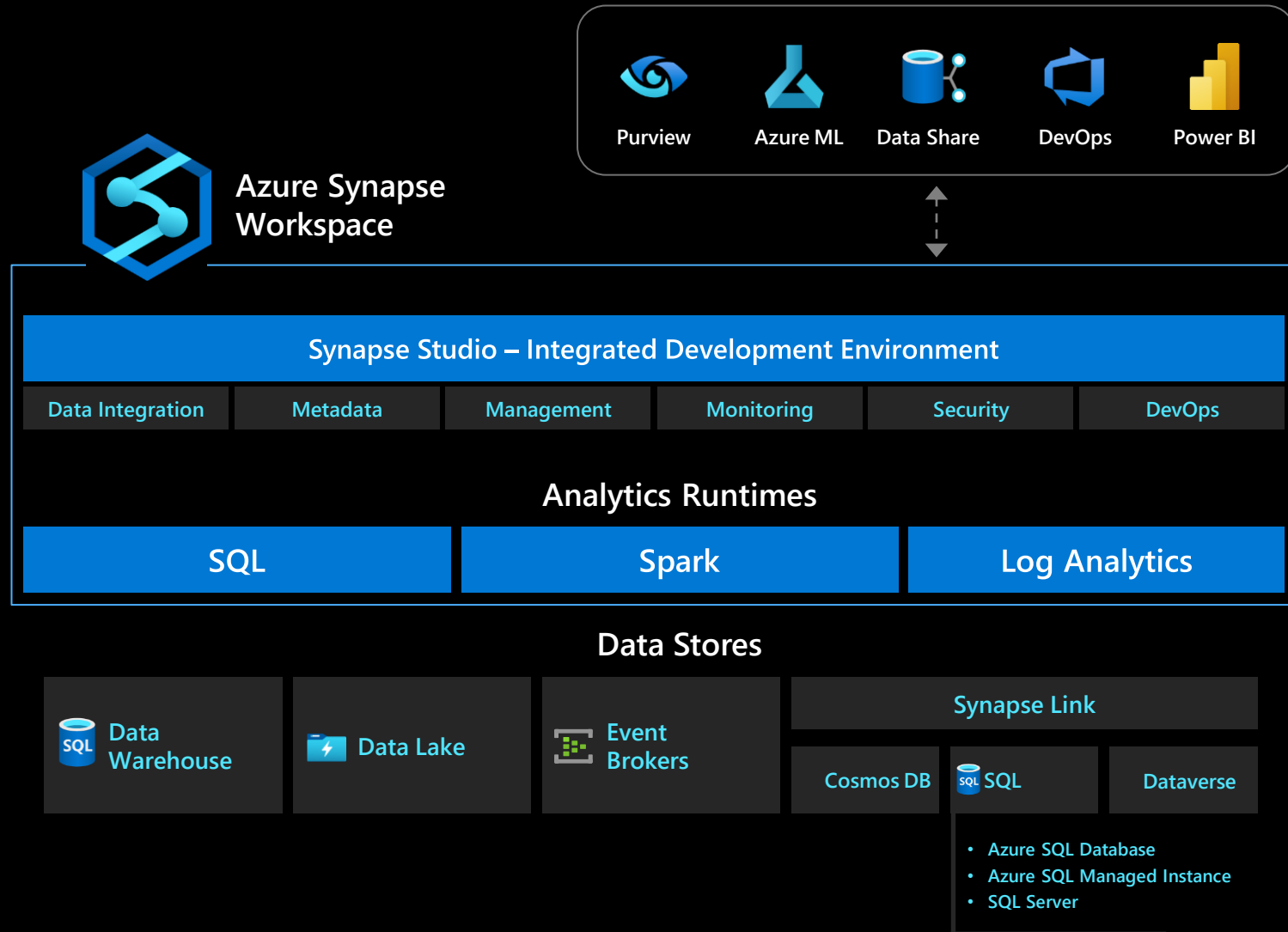
```
in
```

```
    DataverseSQL
```

# Azure Synapse Analytics

Limitless analytics service with unmatched time to insight

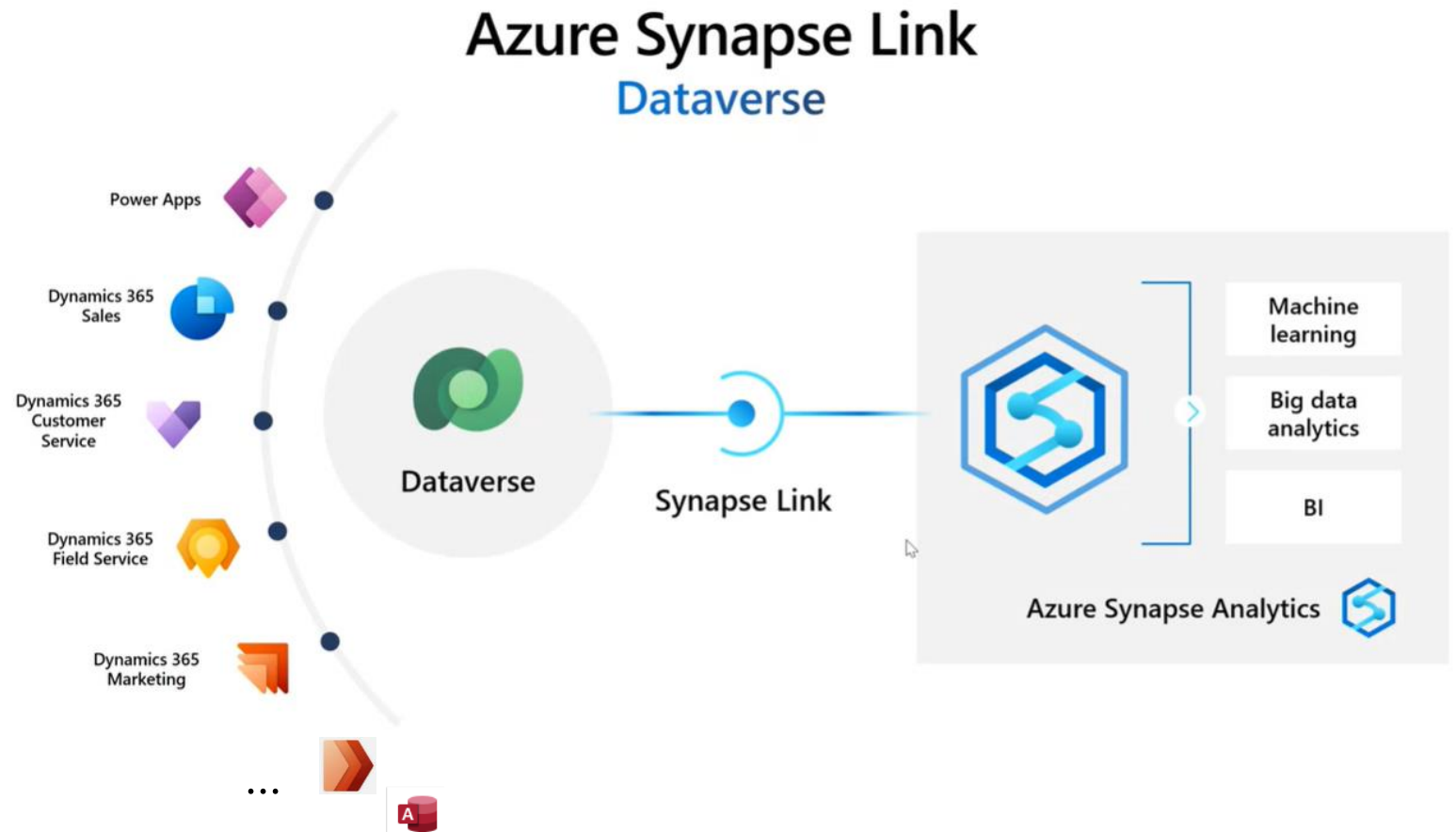
-  Unified analytics platform
-  Analyze all data
-  Workload optimized engines
-  Connect all data with Synapse Link
-  Code-first and code-free development experiences



# Synapse Analytics

Demo

Synapse Analytics



- Home
- Learn
- Apps
- Create
- Dataverse ^
- Tables
- Choices
- Dataflows
- Azure Synapse Link**
- Connections
- Custom Connectors
- Gateways
- Flows
- Chatbots v

## New link

### Select Storage Account

Add Tables

#### Select Storage Account

Select the storage account that you want link to the Dataverse environment your environment.

Your environment is located in: **West US**

Please attach a storage account in one of the following location(s): **West US**

Connect to your Azure Synapse Analytics workspace ⓘ

Subscription \*

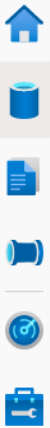
Resource group \*

Workspace name \*

Storage account \*

Back

>> Synapse live Validate all Publish all



### Data

Workspace Linked

Filter resources by name

Data Explorer Databases (Previ... 1

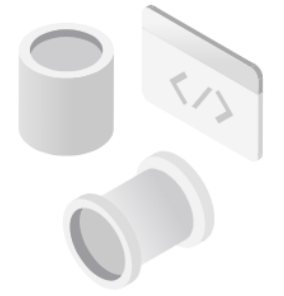
Lake database 2

dataverse\_trondbrandes\_unq78242...

Tables

- account
- actioncard
- activymimeattachment
- activityparty
- annotation
- appmodule
- appointment
- attachment
- attributeimageconfig
- attributemap
- businessunit
- category

- New SQL script
- New notebook
- Machine Learning
- Refresh



### Select an item

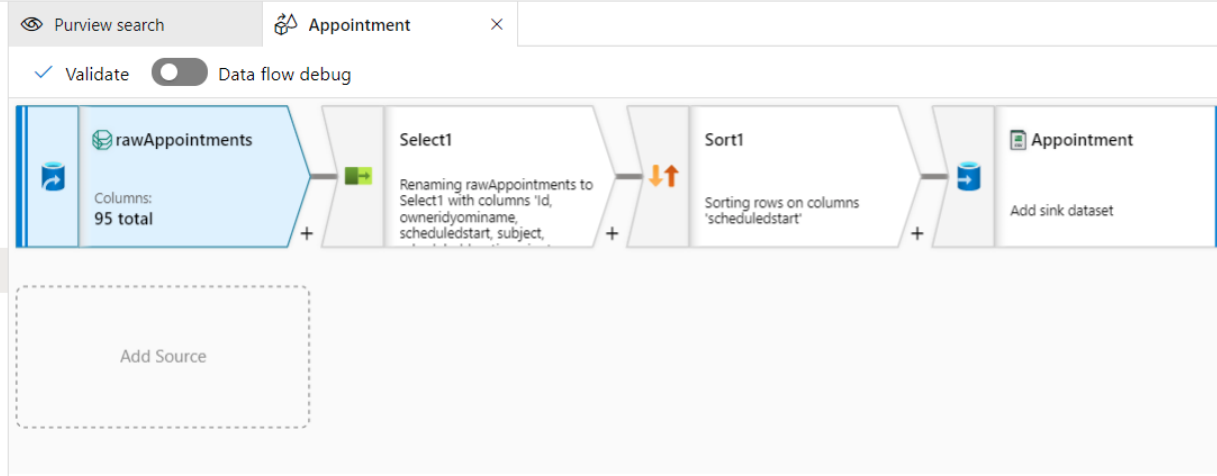
Use the resource explorer to select or create a new item

Synapse live Validate all Publish all

### Develop

Filter resources by name

- SQL scripts 4
- Notebooks 1
- Data flows 1
- Appointment



Source settings Source options Projection Optimize Inspect Data preview

Output stream name \* rawAppointments [Learn more](#)

Source type \*  
 Integration dataset  Inline  Workspace DB

Inline dataset type \*  
Common Data Model

Linked service \*  
tbdatabaseanalyticsgen2 [Test connection](#) [Edit](#) [New](#)

Sampling \*  Enable  Disable

» Synapse live Validate all Publish all

**Data** + ≡ <<

Workspace Linked

Filter resources by name

- ▶ Data Explorer Databases (Previ... 1
- ▶ Lake database 2
  - ▶ dataverse\_trondbrandes\_unq78242...
    - ▶ Tables
      - ▶ account
      - ▶ actioncard
      - ▶ activymimeattachment
      - ▶ activityparty
      - ▶ annotation
      - ▶ appmodule
      - ▶ appointment
      - ▶ attachment

Purview search ×

### Search results for meeting

Source types : all Instances : all Clear all filters

*i* The search results are using a preview of relevance improvements. Standard relevance can be selected from the sort menu.

Filter by keyword <<

**Collection**

- trbrandemopurview 1

**Classification** ...

**Contact** ...

- Trond Brande (trbran@microsoft... 1

**Contact type** ...

Showing 1-1 out of 1 results Sort

**flowOutput.csv**

- Azure Data Lake Storage Gen2 Path
- Output from Dataverse, processed in Synapse Data Flow
- <https://tbdataverseanalyticsgen2.dfs.core.windows.net/output/flowOutput.csv>

# Build a Unified Analytics Platform with Azure Synapse and Power BI



**Wednesday, December 8th at 9AM PST**, join the Azure Synapse and Power BI engineering and product team leaders to learn about the latest features and performance updates.

We'll walk through how data teams can create a unified analytics platform that spans across ETL, data integration, data transformation, log analytics, data lake management, data warehousing, machine learning, and more with a single service for cloud scale analytics.

[Aka.ms/unifiedanalytics-synapse-pbi](https://aka.ms/unifiedanalytics-synapse-pbi)

