

Govern your data in Fabric

Keep control over your data

Hylke Peek



Platinum partners



Goud partners



Zilver partners



Brons partners



Community partners



Hylke Peek



Data Consultant



@hylkepeek

 [Linkedin.com/hylkepeek](https://www.linkedin.com/hylkepeek)

I'm working on a lot of different stuff. Focus on **Azure** and **Power BI**.

- Data Platform
- Datawarehousing
- Analytics
- Azure data solutions
- Power BI

Topics

Sensitivity labels

Endorsement and discovery

Lineage

Impact analysis

Domains

Metadata scanning

Purview Hub



Sensitivity labels



Classify and protect your data



Different ways of labeling

Manual, default, and programmatic

Inheritance

Downstream and based on other item with label during creation

Export

Excel, Excel with live connection to Power BI dataset, PDF, PowerPoint and Power BI Desktop



Limitations

- Mandatory labeling works only for Power BI
- Never overwrites manually applied labels
- Inheritance of data sources only works for semantic models with import mode

Name	Type	Sensitivity
Datamodel Sales	Report	General ⓘ
Datamodel Sales	Semantic model	General ⓘ
Fanshop Sales Data	Dataflow	—
Reporting Sales	Report	Confidential ⓘ

Endorsement and discovery

Identify your high quality and trustworthy data



Promotion

Promote your fabric item

Certification

This fabric item meets company standards

	Name	Type	Endorsement
	Datamodel Sales	Report	—
	Datamodel Sales	Semantic model	Certified
	Fanshop Sales Data	Dataflow	—
	Reporting Sales	Report	Promoted

Lineage

Understand and document the flow of your data



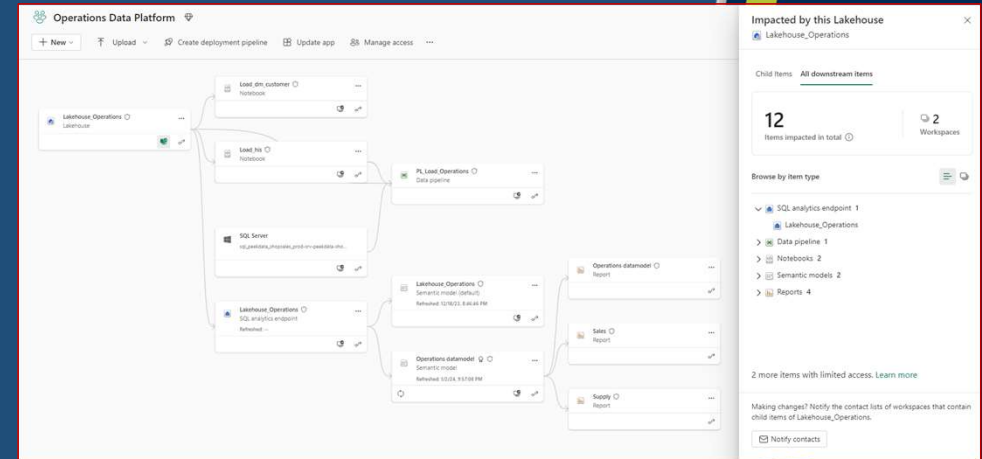
Find related Fabric items

All items within the workspace



Limitations

- Only one level up outside the workspace



Impact Analysis

Identify potential impact when making changes



Find related Fabric items

All downstream items

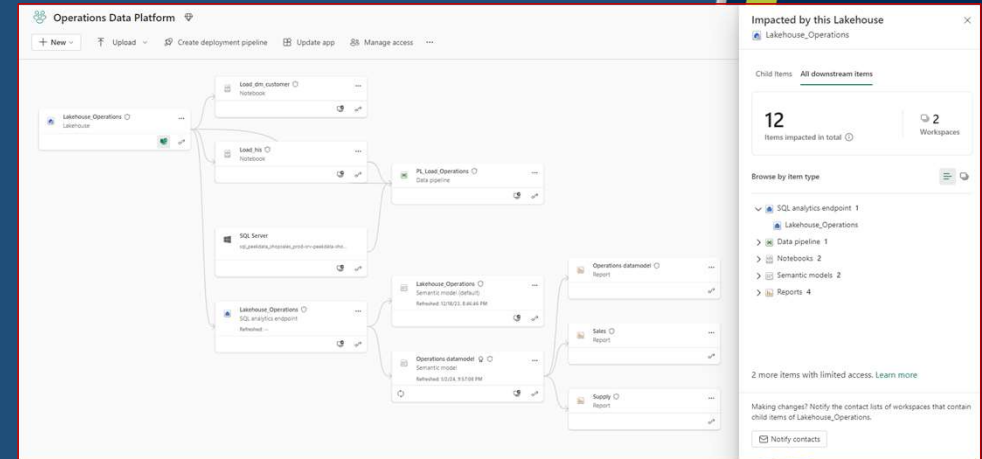
Notify relevant people

Workspace contact list



Limitations

- Only direct children for data sources
- You don't see names
- Not on dataflows



Domains



Organize and manage data according to your business



Group Fabric item into logical groups

Workspace, report, dataset, lakehouse, pipeline and more...

Assign workspaces to groups

Bulk assignment and one at the time

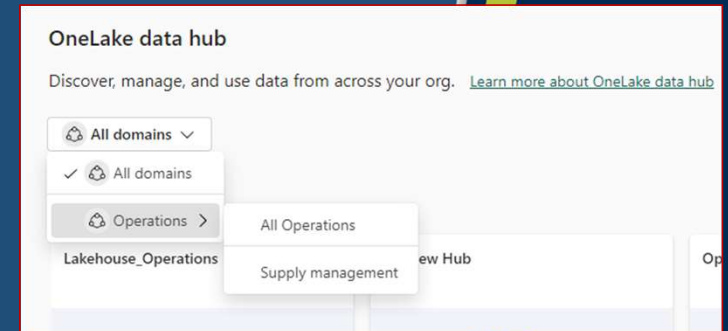
Control by using new roles

Domain admin and contributor



Limitations

- Works only in the context of OneLake



Metadata scanning



Catalog all metadata of your analysis and report items



Extract info about your Fabric items

Workspace, report, dataset, lakehouse, pipeline, governance, measures and more...

Make it more powerful

Combine this with the Power BI activity log



Limitations

- No UI, just a set of api's

```
"Notebook": [
  {
    "id": "8f1f8d5f-6df9-40a1-8f04-e241321cac0e",
    "name": "Load_dm_customer",
    "description": "Business logic for customer",
    "state": "Active",
    "lastUpdatedDate": "2023-12-22T17:20:24.8291782",
    "createdDate": "2023-12-20T19:59:40.5861766",
    "modifiedBy": "hpeek@peekdata.nl",
    "createdBy": "hpeek@peekdata.nl",
    "modifiedById": "f9e59873-feed-451d-abf4-5337d4c9ca4a",
    "createdById": "f9e59873-feed-451d-abf4-5337d4c9ca4a",
    "sensitivityLabel": { "labelId": "3491b186-cd90-41bd-863e-6dc99599faac" },
    "relations": [
      {
        "dependentOnArtifactId": "5e51f72e-4fe3-48b6-a98e-d4b08b64431d",
        "workspaceId": "a9374840-2398-4da6-95ec-6881daf2bedd",
        "relationType": "Datasource",
        "settingsList": "None",
        "usage": "Datasource"
      }
    ]
  },
  "extendedProperties": {}
},
]
```

Purview Hub

Create an overview of all items in your data estate



Catalog all your Fabric items

Workspace, report, dataset, lakehouse, pipeline and more...

Metadata of your items

Creator, sensitivity and endorsement

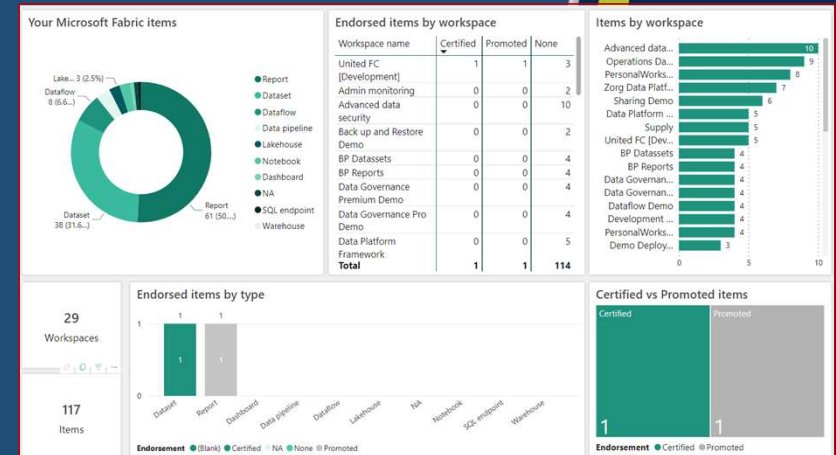
Admin view and non-admin view

All items vs only owned semantic datamodels



Limitations

- No activity insights
- No data access information
- To create a really good overview, you need more



Topics

Sensitivity labels

Name	Type	Sensitivity
Datamodel Sales	Report	General
Datamodel Sales	Semantic model	General
Fanshop Sales Data	Dataflow	—
Reporting Sales	Report	Confidential

Endorsement and discovery

Name	Type	Endorsement
Datamodel Sales	Report	—
Datamodel Sales	Semantic model	Certified
Fanshop Sales Data	Dataflow	—
Reporting Sales	Report	Promoted

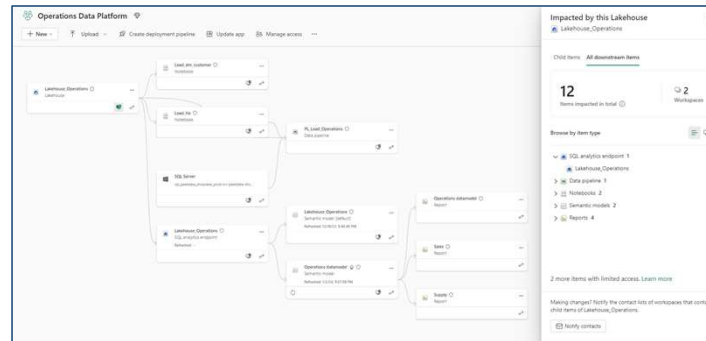
Metadata scanning

```

"Notebook": [
  {
    "id": "8f1f8d5f-6df9-40a1-8f04-e241321cac0e",
    "name": "Load_dm_customer",
    "description": "Business logic for customer",
    "state": "Active",
    "lastUpdatedDate": "2023-12-22T17:20:24.8291782",
    "createdDate": "2023-12-20T19:59:40.5861766",
    "modifiedBy": "hpeek@peekdata.nl",
    "createdBy": "hpeek@peekdata.nl",
    "modifiedById": "f9e59873-feed-451d-abf4-5337d4c9ca4a",
    "createdById": "f9e59873-feed-451d-abf4-5337d4c9ca4a",
    "sensitivityLabel": { "labelId": "3491b186-cd90-41bd-863e-6dc99599faac" },
    "relations": [
      {
        "dependentOnArtifactId": "5e51f72e-4fe3-48b6-a98e-d4b08b64431d",
        "workspaceId": "a9374840-2398-4da6-95ec-6881daf2bedd",
        "relationType": "Datasource",
        "settingsList": "None",
        "usage": "Datasource"
      }
    ]
  },
  {
    "extendedProperties": {}
  }
]

```

Lineage and Impact analysis



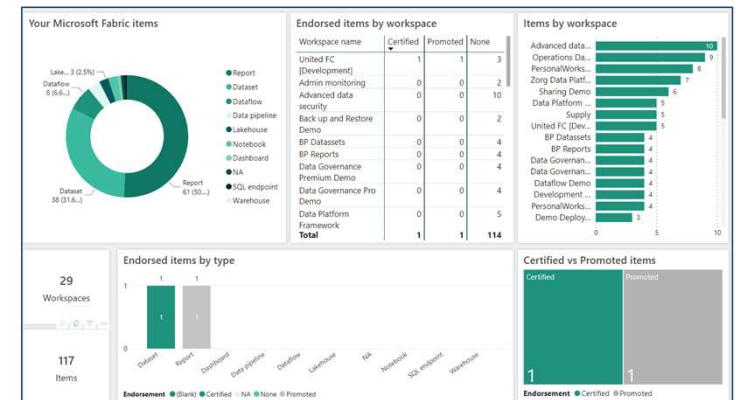
Domains

OneLake data hub
Discover, manage, and use data from across your org. [Learn more about OneLake data hub](#)

All domains

- All domains
- Operations >
 - All Operations
 - Lakehouse_Operations
 - Supply management
 - ew Hub
 - Op

Purview Hub



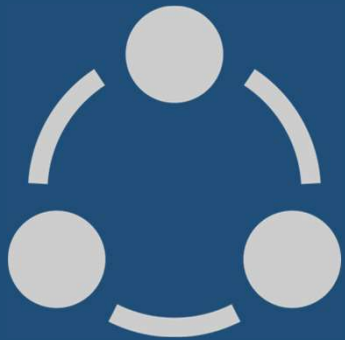
Session evaluation



Event evaluation



Govern your data in Fabric



THANK YOU

Hylke Peek