



Govern your data in Fabric

Keep control over your data

Hylke Peek

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

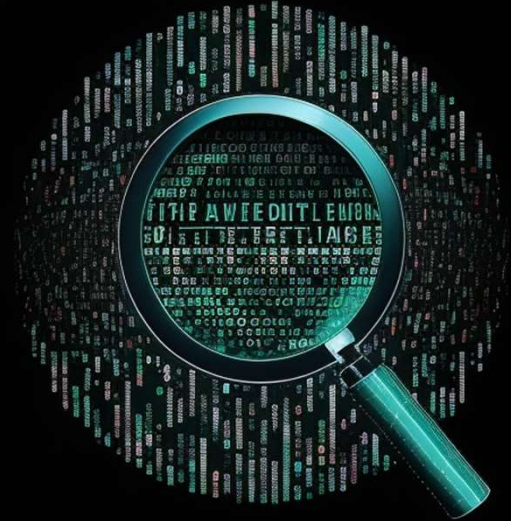
Lineage

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



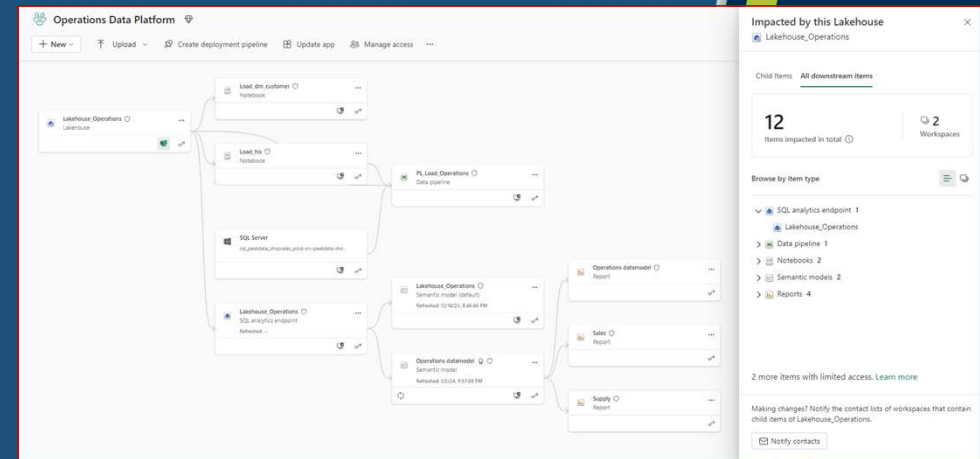
Find related Fabric items

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

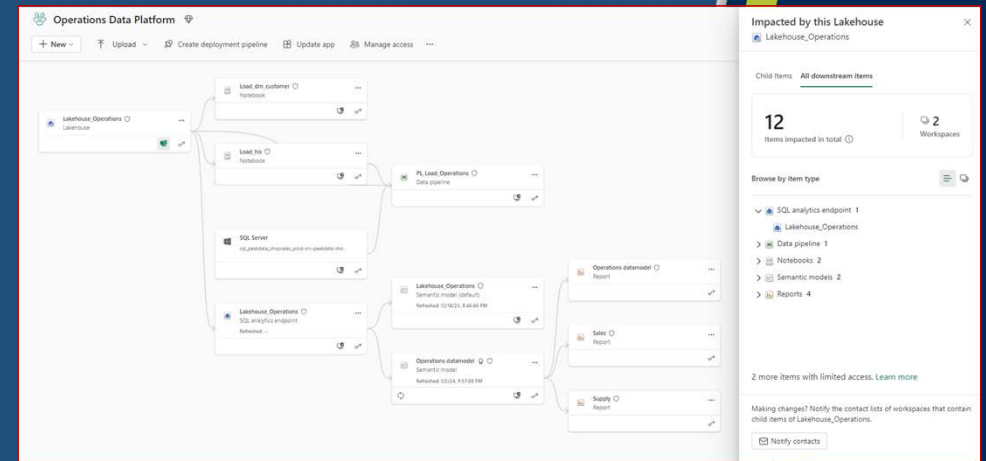
Notify relevant people

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

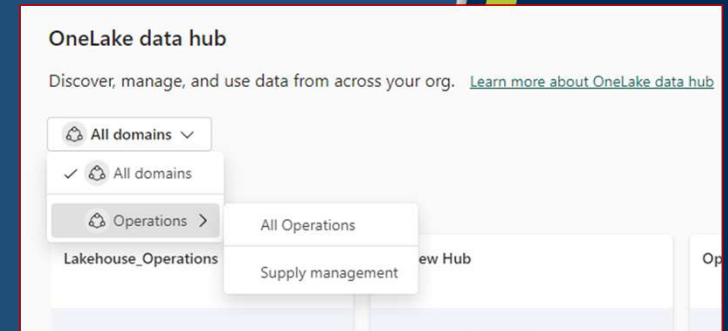
Control by using new roles

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 powerfull

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

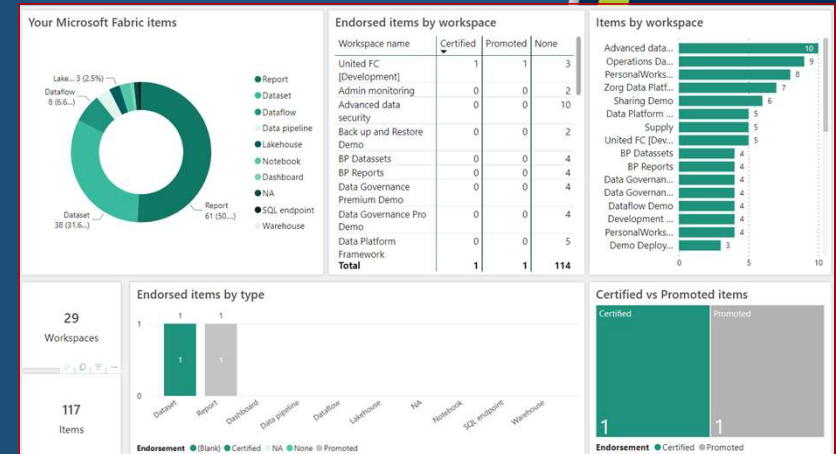
Admin view and non-admin view

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

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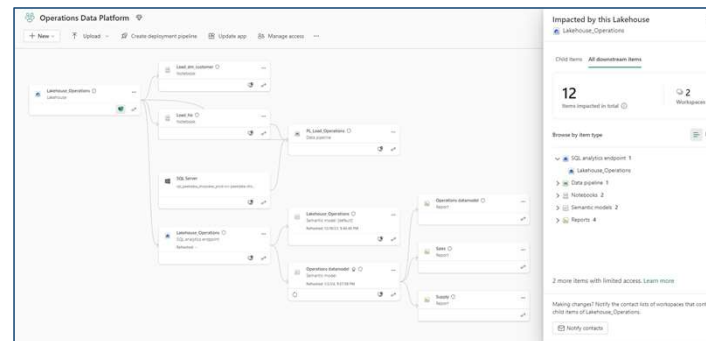
Endorsement and discovery

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

Metadata scanning

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"Notebook": [{
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        "settingsList": "None",
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      }
    ],
    "extendedProperties": {}
  },
  ...
]
```

Lineage and Impact analysis



Domains

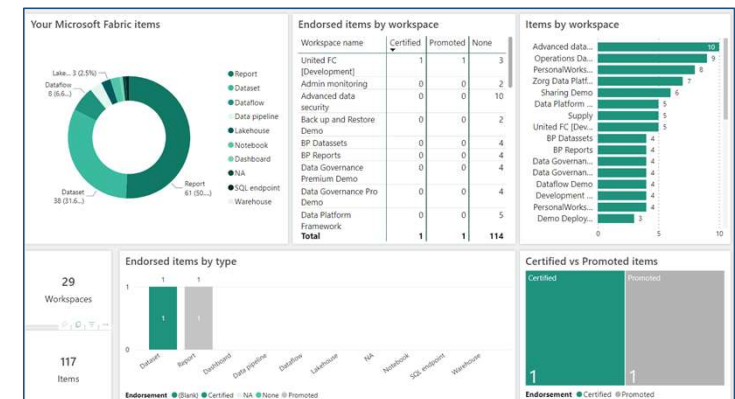
OneLake data hub

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

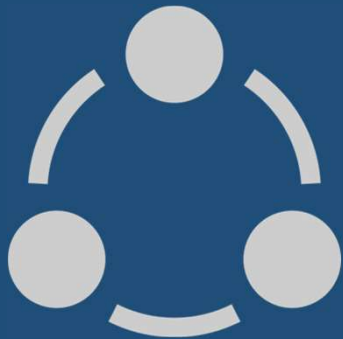
All domains (dropdown menu)

- All domains
- Operations > (dropdown menu)
 - Lakehouse_Operations
 - Supply management
 - ew Hub
 - Op

Purview Hub



Govern your data in Fabric



THANK YOU

Hylke Peek