

Sample Vantage Dashboard

Using Reporting API and
Microsoft Power Automate

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Power BI Dashboard Integration for ABBYY Vantage

This solution provides a ready-to-use Power BI dashboard that connects to ABBYY Vantage through its Reporting APIs, enabling real-time insights into document processing workflows. By leveraging data from Vantage skills, the dashboard offers visibility into key performance metrics, including processing volumes, extraction accuracy, manual review rates, and Straight-Through Processing (STP) efficiency.

The visualizations are dynamic, filterable, and designed to support operational monitoring and continuous improvement initiatives. Users can track automation performance across time and identify opportunities to optimize document workflows.

This dashboard is offered as a template model to demonstrate how to integrate ABBYY Vantage with Power BI. It is fully customizable, allowing organizations to tailor the visuals and metrics to match their specific reporting needs and business objectives.

Vantage Reporting API

The reporting service provides data for retrospective analysis.
Vantage makes use of the following data storage:

- [Business Processing Reporting Warehouse](#)

Stores data about transactions steps.

Retention 365 days.

- [Quality Analytics Reporting Warehouse](#)

Stores data about changes in documents and fields during Manual Review.

Retention 14 Days.

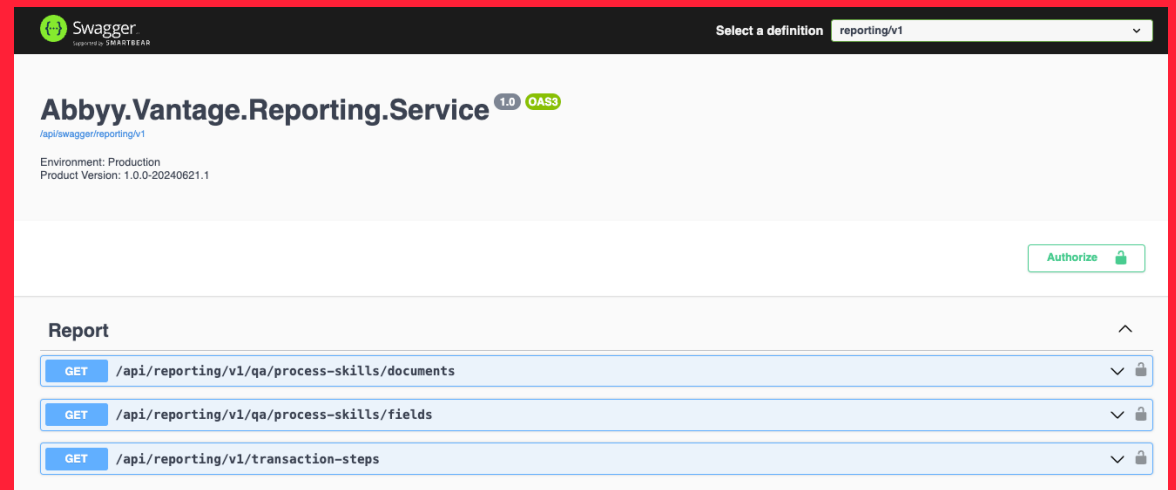
Microsoft Power BI

Microsoft Power BI is an interactive data visualization software product developed by Microsoft with a primary focus on business intelligence (BI). It is part of the Microsoft Power Platform.

Power BI is a collection of software services, apps, and connectors that work together to turn various sources of data into static and interactive data visualizations.




Vantage Reporting API



ABBY

Vantage Reporting API – Swagger Page

 **Swagger**
supported by SMARTBEAR

Select a definition reporting/v1

Abbyy.Vantage.Reporting.Service

1.0 OAS3

</api/swagger/reporting/v1>

Environment: Production
Product Version: 1.0.0-20240621.1

Authorize

Report

GET

/api/reporting/v1/qa/process-skills/documents

▼

🔒

GET

/api/reporting/v1/qa/process-skills/fields

▼

🔒

GET

/api/reporting/v1/transaction-steps

▼

🔒

<https://vantage-us.abbyy.com/api/index.html?urls.primaryName=reporting/v1>

Business processing reporting – transaction steps

```
GET /api/reporting/v1/transaction-steps
```

Vantage includes a Business Processing Reporting Warehouse. Business Processing Reporting is used to understand if the system copes with the processing of document well, as well as provide traceability for every transaction in the system so that you can audit on what was happening to a particular transaction throughout the entire business process.

The Warehouse stores data about all transactions (both finished transactions and transactions in processing) so that it can be used for further analysis and visualization in business intelligence tools.

Data is stored for 12 months, which allows you to analyze the business process and track data for specific periods of time.

Business processing reporting – Available Data

Column	Description
SkillId	The skill ID.
SkillVersion	The version of the skill.
SkillName	The name of the skill.
TransactionId	ID of the transaction.
StepName	The name of the event or the name of the activity in case of the Process skill.
StepType	The type of event.
ManualReviewOperatorName	The name of the Manual Review Operator.
ManualReviewOperatorEmail	The email of the Manual Review Operator.
StartedUtc	Start time of the event (UTC).
CompletedUtc	End time of the event (UTC).
Status	The status of the event.
Duration	Duration of the event (in seconds).

Quality Analytics Reporting

GET /api/reporting/v1/qa/process-skills/documents

GET /api/reporting/v1/qa/process-skills/fields

The Quality Analytics Reporting Warehouse stores data that can be used to analyze the efficiency of document processing within the system. With this data, you can identify which documents require more time for manual verification and why.

Statistics are collected for Process skills that have at least one Manual Review step and include at least one Document skill. The system compares the document's initial pre-manual review state with its state after processing.

The Quality Analytics Reporting Warehouse stores the following data:

- Information about changes in documents
- Information about document fields:

Quality Analytics Reporting – Documents Data

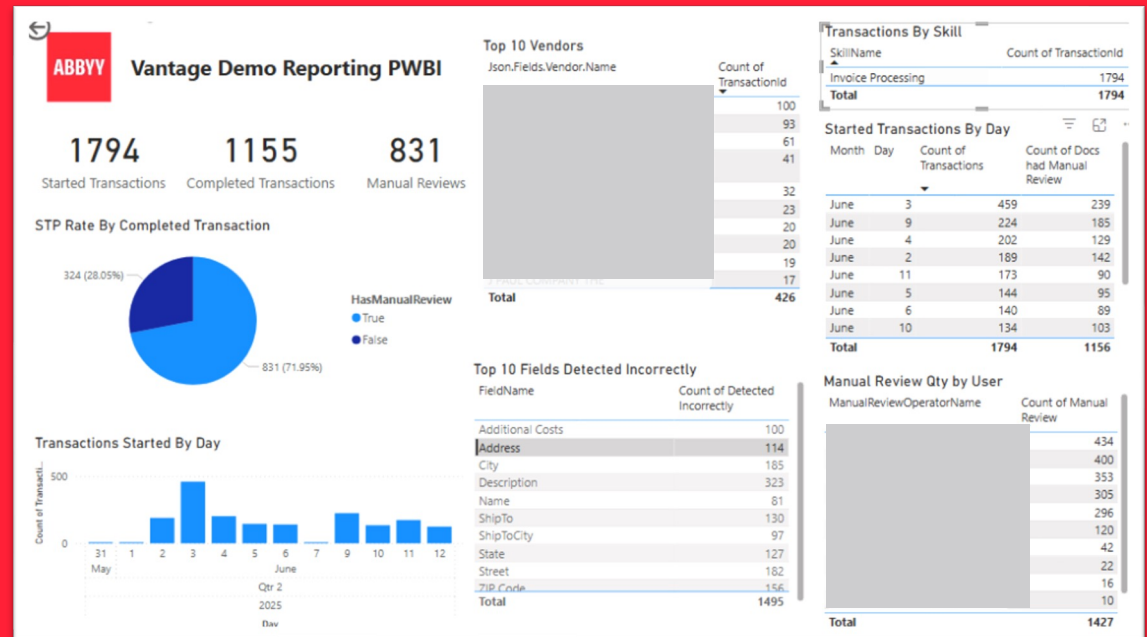
Column	Description
ProcessSkillId	The ID of the Process skill.
ProcessSkillVersion	The version of the Process skill.
ProcessSkillName	The name of the Process skill.
DocumentSkillId	The ID of the Document skill.
DocumentSkillVersion	The version of the Document skill.
DocumentSkillName	The name of the Document skill.
TransactionId	The ID of the transaction.
HasManualReview	Indicates whether the document was manually reviewed. Possible values: 1 or 0.
DocumentId	The ID of the document passed for processing.
DocumentName	The name of the document passed for processing.
PageSize	The size of the document's first page in pixels (width and height).
ImageColority	Indicates whether the document's first page is color, gray, or black and white.
ImageSource	The image source of the document's first page. For example: scan, photo, PDF file, screenshot, etc.
ImageType	The image type of the document's first page. For example: A4, receipt, bank card, etc.
DPI	The number of dots (or pixels) in the document's first page.
TransactionParameter1..N	Transaction parameters passed for processing.
DocumentSkillIdUsedBeforeManualReview	The Document skill applied to the document before the Manual Review stage.
NumberOfExportedFields	The number of exported fields in the document.
NumberOfChangedFields	The number of manually changed fields in the document.

Quality Analytics Reporting – Fields Data

Column	Description
ProcessSkillId	The ID of the Process skill.
ProcessSkillVersion	The version of the Process skill.
ProcessSkillName	The name of the Process skill.
DocumentSkillId	The ID of the Document skill.
DocumentSkillVersion	The version of the Document skill.
DocumentSkillName	The name of the Document skill.
TransactionId	The ID of the transaction.

Column	Description
HasManualReview	Indicates whether the document was manually reviewed. Possible values: 1 or 0.
DocumentId	The ID of the document passed for processing.
DocumentName	The name of the document passed for processing.
PageSize	The size of the document's first page in pixels (width and height).
ImageColority	Indicates whether the document's first page is color, gray, or black and white.
ImageSource	The image source of the document's first page. For example: scan, photo, PDF file, screenshot, etc.
ImageType	The image type of the document's first page. For example: A4, receipt, bank card, etc.
DPI	The number of dots (or pixels) in the document's first page.
NumberOfExportedFields	The number of exported fields in the document.
NumberOfChangedFields	The number of manually changed fields in the document.
FieldID	The ID of the document field.
FieldName	The name of the document field.
Correct	Information about the correction status of non-repeating fields and the number of instances of repeating fields that weren't corrected.
RecognitionIssue	Information about recognition issues during the processing of document fields.
DetectedIncorrectly	Information about corrections that were made during the manual review.
NotDetected	Information about field values that were not extracted before manual review.
IsInDocument	Indicates if the field has at least one instance in the document. Possible values: true, false.

Microsoft Power BI



Connecting Power BI to Vantage

This Power BI dashboard solution integrated with ABBYY Vantage using the platform's Reporting APIs enables real-time data extraction from document capture, classification, and data extraction processes, providing full visibility into automated operations.

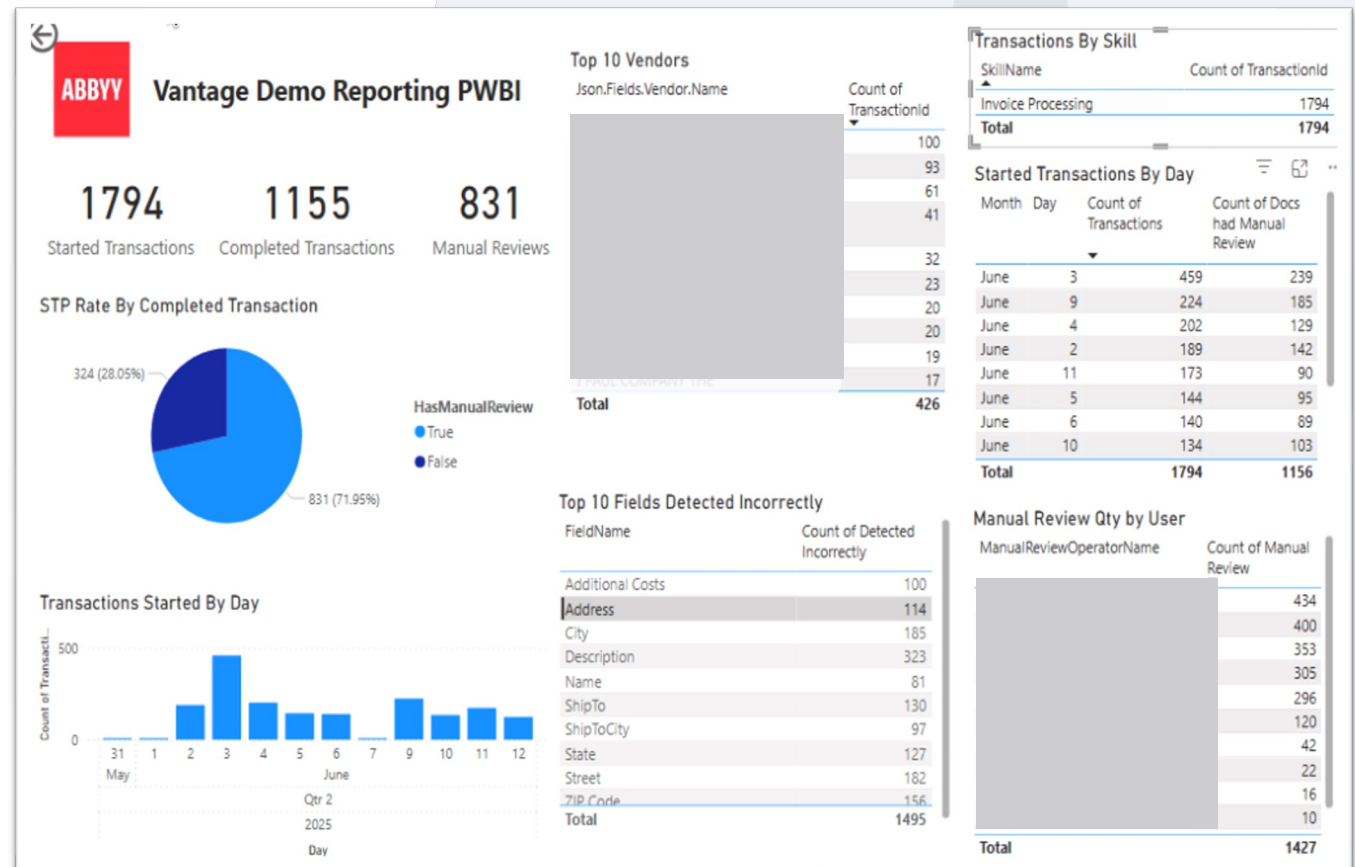
The dashboard consolidates information from key Vantage skills such as **Document Classification, Data Extraction, STP (Straight-Through Processing)**, allowing users to track metrics like processed volumes, extraction accuracy, and the number of manual reviews. All data is dynamically filtered and visualized in Power BI.

This solution helps identify bottlenecks, uncover improvement opportunities, and monitor automation progress over time—turning operational data into valuable business insights.

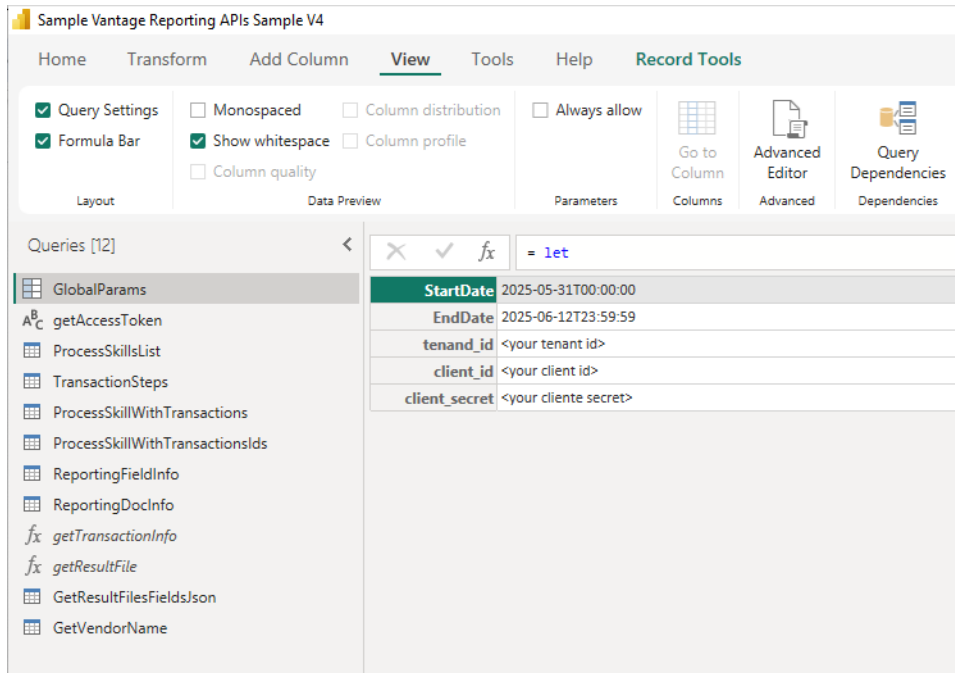
Connecting Power BI to Vantage

This is a sample dashboard designed to demonstrate how to connect and use ABBYY Vantage APIs within Power BI.

Users can adapt and expand the dashboard based on their specific reporting needs and business goals.



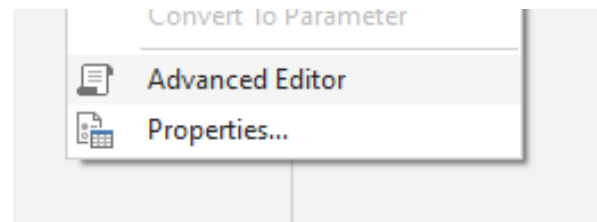
How setup the dashboard



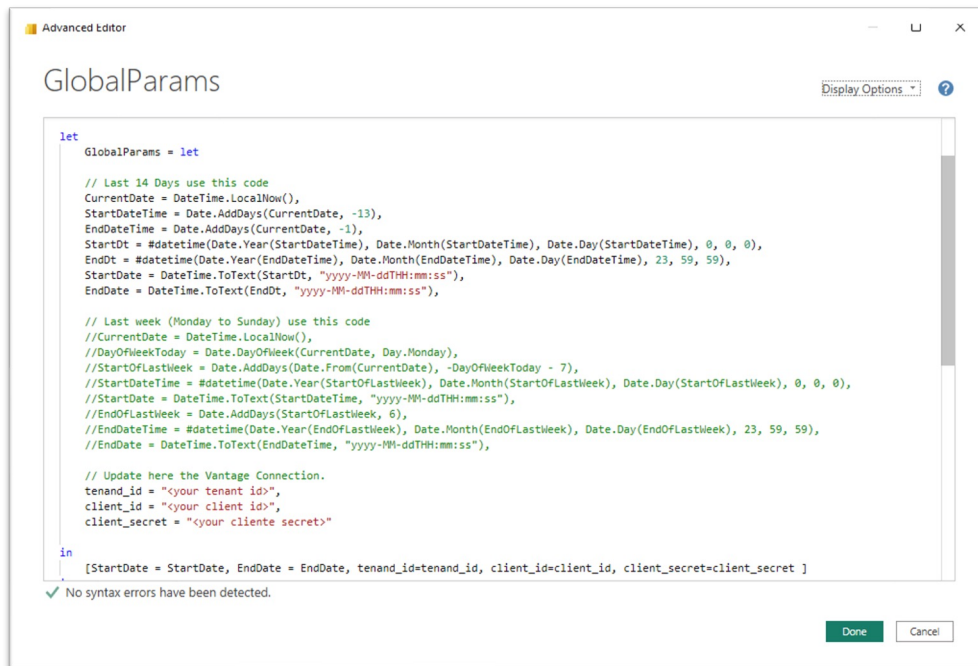
To use the dashboard as designed need only setup the **global parameters**.

- Start Date
- End Date
- Tenant Id
- Client Id
- Client Secret

Select the “Advanced Editor” with the right click.



How setup the environment



Select the filter type period (commented code)

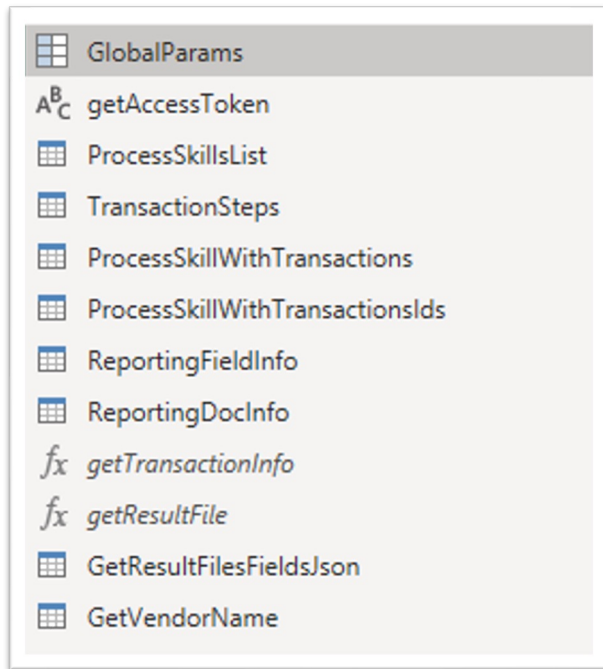
- Last X days (Maximum 14 for Quality Analysis)
- Last Week (make easy compare periods)

Type the vantage API credentials.

- Tenant Id
- Client Id
- Client Secret

The API Client needs admin permission to access the reporting Database.

Queries Step by Step



After setup the global parameters, click in each one query in sequence to make sure all queries are working before close the “transform data” windows to apply the changes.

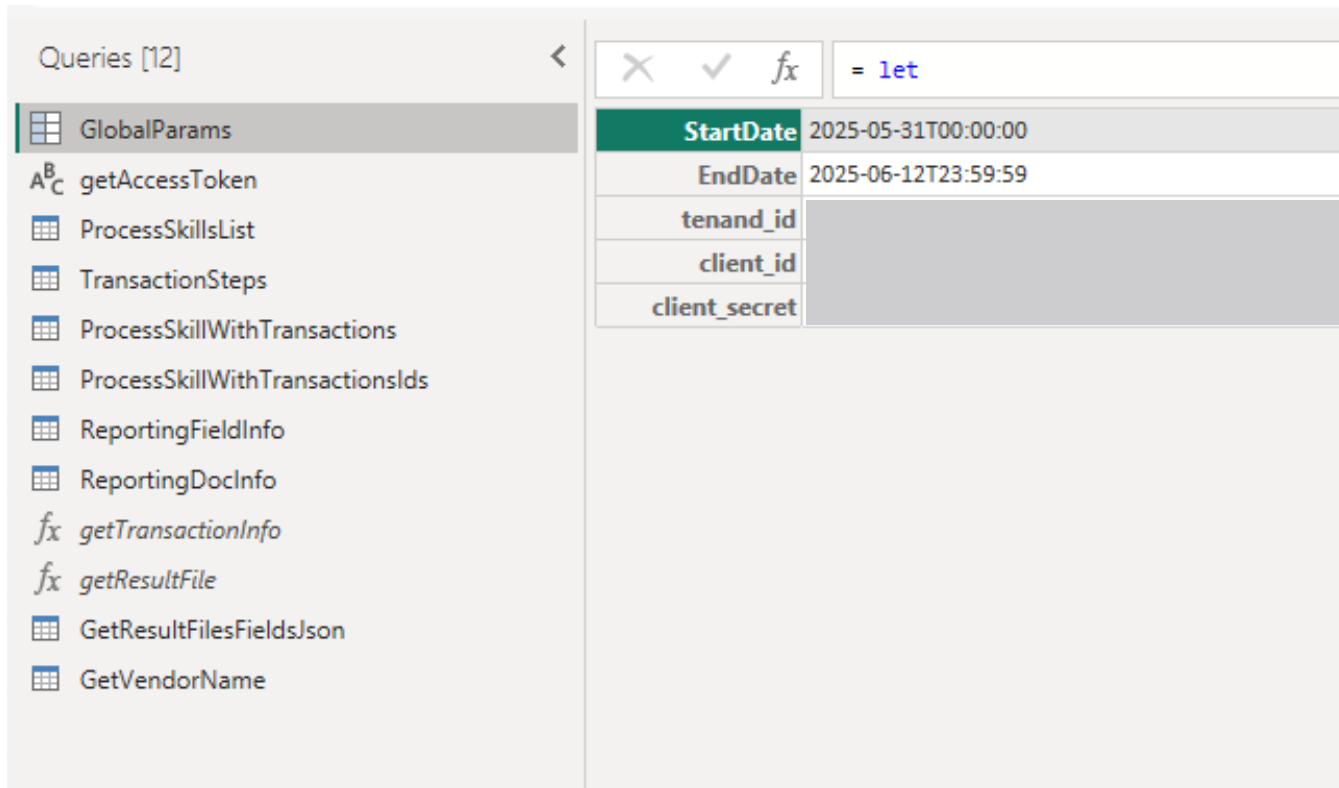
After make sure all queries are working with no errors, select to close the “transform data” windows and select to apply changes.

Wait until Power BI update all data to refresh the dashboard data.

Queries Step by Step

1. GlobalParams:

Read the credentials and define dates to filter.



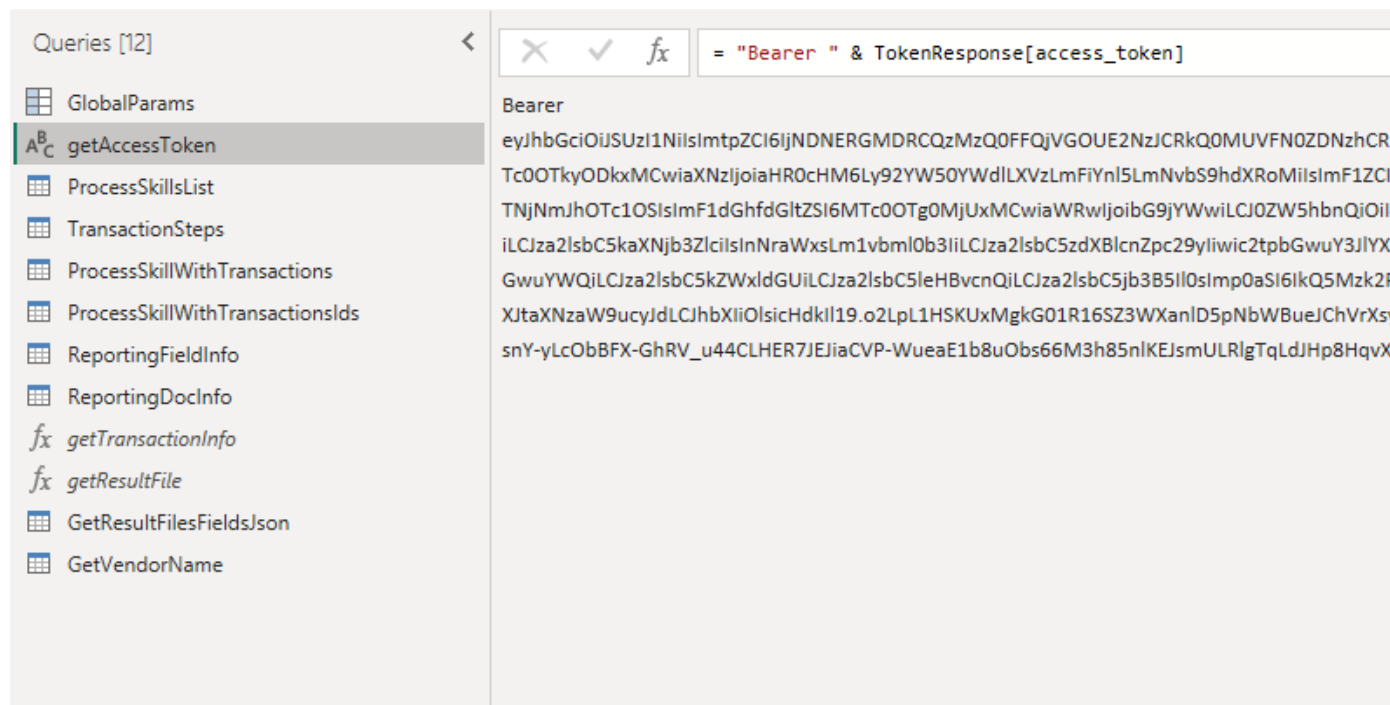
The screenshot shows a query editor interface. On the left, a panel titled "Queries [12]" lists several queries. The "GlobalParams" query is selected and highlighted. The right panel shows the definition for the "GlobalParams" query, which is a table with five columns: "StartDate", "EndDate", "tenant_id", "client_id", and "client_secret". The "StartDate" and "EndDate" columns contain specific date and time values. The "tenant_id", "client_id", and "client_secret" columns are currently empty.

StartDate	EndDate	tenant_id	client_id	client_secret
2025-05-31T00:00:00	2025-06-12T23:59:59			

Queries Step by Step

2. **getAccessToken:**

Connects to Vantage API to get access token to be used in other requests.



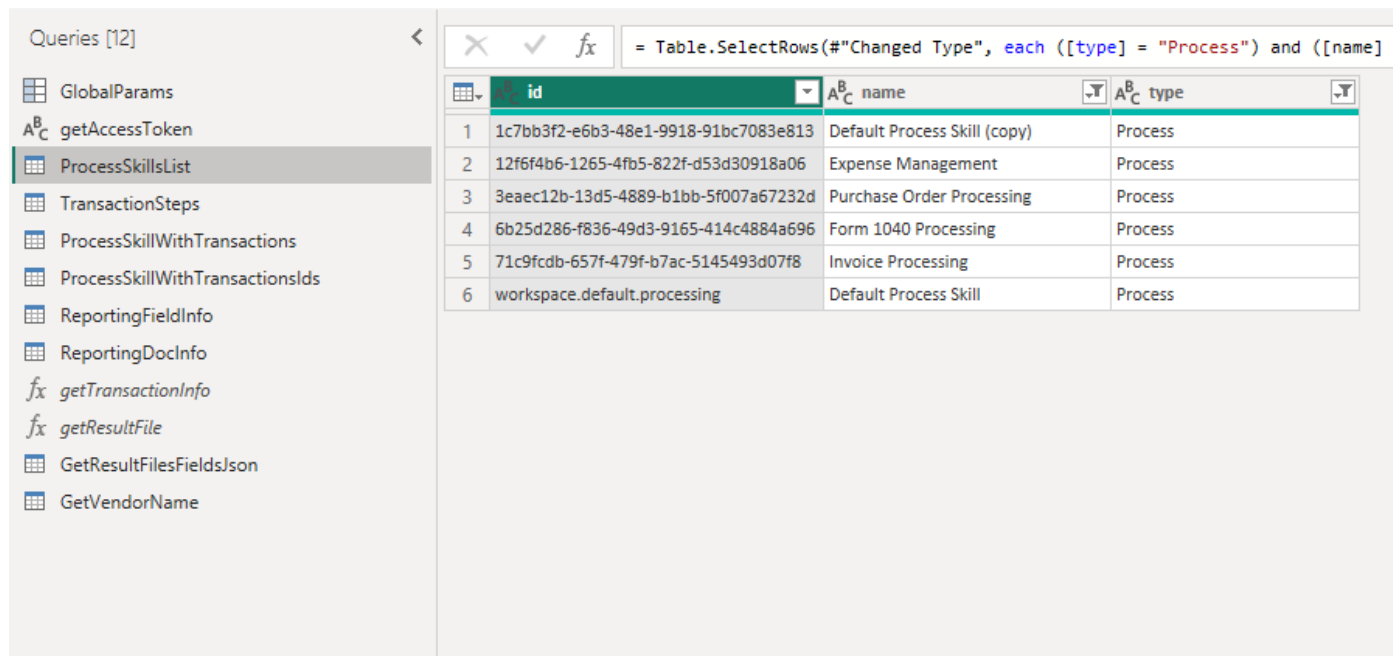
The screenshot displays a query editor interface. On the left, a sidebar titled 'Queries [12]' lists various queries. The query 'getAccessToken' is selected and highlighted. The right pane shows the SQL query for 'getAccessToken', which is a Bearer token request. The query is as follows:

```
Bearer  
eyJhbGciOiJSUzI1NiIsImtpZCI6IjNDNERGMdRCQzMzQ0FFQjVGOUE2NzJCRkQ0MUVFN0ZDNzhCRD  
Tc0OTkyODkxMCwiaXNzIjoiaHR0cHM6Ly92YW50YWdlLXVzLmFiYnl5LmNvbS9hdXRoMlslmF1ZCI6  
TNjNmJhOTc1OSIsImF1dGhfdGltZSI6MTc0OTg0MjUxMCwiaWRwIjoibG9jYWwiLCJ0ZW5hbnQiOiI4  
iLCJza2lsbC5kaXNjb3ZlciIsInNraWxsLm1vbml0b3liLCJza2lsbC5zdXB1cnZpc29yIiwic2tpbGwuY3JlYX  
GwuYWQilLCJza2lsbC5kZWxldGUilLCJza2lsbC5leHBvcnQiLCJza2lsbC5jb3B5Il0sImpp0aSI6IkQ5Mzk2Rj  
XJtaXNzaW9ucyJdLCJhbXliOiIsImlsIC5kHdkiI19.o2LpL1HSKUxMgkG01R16SZ3WXanID5pNbWBueJChVrXsy  
snY-yLcObBFX-GhRV_u44CLHER7JEJiaCVP-WueaE1b8uObs66M3h85nlKEJsmULRlgtqLdJHp8HqvXr
```

Queries Step by Step

3. ProcessSkillList

Connects to Vantage API to a list of all Process Skills available on the skill catalog.
(Only process skill data is included on Reporting API).



Queries [12]

- GlobalParams
- getAccessToken
- ProcessSkillsList**
- TransactionSteps
- ProcessSkillWithTransactions
- ProcessSkillWithTransactionsIds
- ReportingFieldInfo
- ReportingDocInfo
- getTransactionInfo
- getResultFile
- GetResultFilesFieldsJson
- GetVendorName

Formula Bar: `= Table.SelectRows("#Changed Type", each ([type] = "Process") and ([name] <`

	id	name	type
1	1c7bb3f2-e6b3-48e1-9918-91bc7083e813	Default Process Skill (copy)	Process
2	12f6f4b6-1265-4fb5-822f-d53d30918a06	Expense Management	Process
3	3eaec12b-13d5-4889-b1bb-5f007a67232d	Purchase Order Processing	Process
4	6b25d286-f836-49d3-9165-414c4884a696	Form 1040 Processing	Process
5	71c9fcdb-657f-479f-b7ac-5145493d07f8	Invoice Processing	Process
6	workspace.default.processing	Default Process Skill	Process

Queries Step by Step

4. TransactionSteps

Connect to Vantage Reporting API to get transaction steps based on the start and end date from global parameters. Using the **transaction start date** as filter.

Queries [12]

GlobalParams

getAccessToken

ProcessSkillsList

TransactionSteps

ProcessSkillWithTransactions

ProcessSkillWithTransactionsIds

ReportingFieldInfo

ReportingDocInfo

getTransactionInfo

getResultFile

GetResultFilesFieldsJson

GetVendorName

✕

✓

fx

= Table.RemoveColumns(FinalFiltered,{"SkillName"})

	<div><div>AB</div><div>C</div></div> SkillId	<div><div>AB</div><div>C</div></div> SkillVersion	<div><div>TransactionId</div></div>
1	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
2	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
3	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
4	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
5	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
6	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
7	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
8	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
9	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
10	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
11	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
12	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
13	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	7dc05af8-db0d-4925-9db8-42e336006516
14	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	efdee415-c07e-4994-8bd0-4b741822d11c
15	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	efdee415-c07e-4994-8bd0-4b741822d11c
16	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	efdee415-c07e-4994-8bd0-4b741822d11c
17	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	efdee415-c07e-4994-8bd0-4b741822d11c

Queries Step by Step

5. ProcessSkillTransactions

Filter only the process skill with transactions.

Queries [12]

- GlobalParams
- getAccessToken
- ProcessSkillsList
- TransactionSteps
- ProcessSkillWithTransactions**
- ProcessSkillWithTransactionsIds
- ReportingFieldInfo
- ReportingDocInfo
- getTransactionInfo
- getResultFile
- GetResultFilesFieldsJson
- GetVendorName

= Table.SelectRows(#"Expanded ProcessSkillsList", each (

	SkillId	ProcessSkillsList.id
1	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8

6. ProcessSkillTransactionsIds

Queries [12]

GlobalParams

getAccessToken

ProcessSkillsList

TransactionSteps

ProcessSkillWithTransactions

ProcessSkillWithTransactionsIds

ReportingFieldInfo

ReportingDocInfo

getTransactionInfo

getResultFile

GetResultFilesFieldsJson

GetVendorName

✕

✓

fx

= Table.Group(














	TransactionId	HasManualReview	Completed
1	7dc05af8-db0d-4925-9db8-42e336006516	TRUE	FALSE
2	16d4abb6-3c41-4b4b-bcbf-a946bc84bd27	TRUE	FALSE
3	876f2d4e-5295-4ba5-93cb-4f86bdcc825f	TRUE	TRUE
4	c45e695b-6675-4322-8492-58a290dacd9f	TRUE	TRUE
5	bc4f50a0-a4d2-4d18-bee9-fd71de09eef0	TRUE	TRUE
6	b7efe8d2-51fc-4340-b9c1-515dc716968c	TRUE	TRUE
7	da422661-c20c-4d4c-a5d0-89745b303233	TRUE	FALSE
8	58dbc422-e30d-45e9-b0c4-94c6bc2baf23	TRUE	TRUE
9	ee7e604f-8b3e-4960-8312-781d6db7b947	TRUE	TRUE
10	b9c256f6-d693-4ffc-8c3f-6e9dc9d8fcbc	TRUE	FALSE
11	fbef558a-041d-4621-942f-735403194371	TRUE	FALSE
12	c1267300-b75e-458a-8d08-dfb8cf289ee0	TRUE	FALSE
13	7c160060-af98-4519-b095-712bb40deb8a	TRUE	TRUE
14	a7491e15-f479-4632-a46a-38d9a8437ae1	TRUE	TRUE
15	fb2f2075-8b81-480e-9ec3-d1e5c4d9cd82	FALSE	TRUE
16	dfa80b4e-0046-4ca3-a74c-e3134ad0eb78	TRUE	FALSE

Queries Step by Step







7. ReportingFieldInfo

Get results from Vantage Reporting API fields for each process skill from step 5.

Queries [12]

-  GlobalParams
-   getAccessToken
-  ProcessSkillsList
-  TransactionSteps
-  ProcessSkillWithTransactions
-  ProcessSkillWithTransactionsIds
-  **ReportingFieldInfo**
-  ReportingDocInfo
-  *fx* getTransactionInfo
-  *fx* getResultFile
-  GetResultFilesFieldsJson
-  GetVendorName

✕ ✓ fx = Table.RemoveColumns("#'Changed Type1",{ "ProcessSkillName" })

	  ProcessSkillId	  ProcessSkillVersion	 DocumentSkillId	 DocumentSkill
1	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	20	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
2	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	20	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
3	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
4	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
5	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
6	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
7	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
8	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
9	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
10	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
11	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
12	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
13	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
14	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
15	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
16	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
17	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
18	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
19	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
20	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12

Queries Step by Step

8. ReportingDocInfo

Get results from Vantage Reporting API documents for each process skill from step 5.

Queries [12]

- GlobalParams
- getAccessToken**
- ProcessSkillsList
- TransactionSteps
- ProcessSkillWithTransactions
- ProcessSkillWithTransactionsIds
- ReportingFieldInfo
- ReportingDocInfo
- getTransactionInfo
- getResultFile
- GetResultFilesFieldsJson
- GetVendorName

✕ ✓ fx = Table.RemoveColumns("#'Changed Type1",{ "ProcessSkillName" })

	ProcessSkillId	ProcessSkillVersion	DocumentSkillId	DocumentSkillVersion
1	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	20	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
2	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	20	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
3	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
4	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
5	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
6	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
7	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
8	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
9	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
10	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
11	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
12	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
13	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
14	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
15	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
16	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
17	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
18	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
19	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12
20	7bf4ba84-bd9a-4a32-8afb-8b2190a78eb8	19	6c22642-5c43-45d4-83e9-5f19ed1a5240	12

Queries Step by Step

9. GetTransactionInfo

Function to call vantage API and get the transaction info.
Needs the transaction id as parameter to get the Json result file.

The screenshot displays the Vantage API query editor interface. On the left, a sidebar titled 'Queries [12]' lists various functions. The function 'getTransactionInfo' is selected and highlighted. The main editor area shows the function signature 'function (TransactionID as text) as any'. Above this, there is an 'Enter Parameter' section with a text input field containing 'Example: abc' and two buttons, 'Invoke' and 'Clear'. The top of the editor shows a toolbar with icons for undo, redo, and a function icon, followed by the text '= (TransactionID as text) =>'.

Queries [12]

- GlobalParams
- getAccessToken
- ProcessSkillsList
- TransactionSteps
- ProcessSkillWithTransactions
- ProcessSkillWithTransactionsIds
- ReportingFieldInfo
- ReportingDocInfo
- getTransactionInfo**
- getResultFile
- GetResultFilesFieldsJson
- GetVendorName

function (TransactionID as text) as any

Enter Parameter

TransactionID

Example: abc

Invoke Clear

Queries Step by Step

10. GetResultFile

Function to call vantage API and get the Json result file to get the field values.
Needs the transaction Id and Output File Id as parameter to download the results.

The screenshot displays the Vantage API interface. On the left, a sidebar titled 'Queries [12]' lists various functions. The function 'getTransactionInfo' is selected, and its details are shown in the main area. The 'Enter Parameters' section contains two input fields: 'TransactionID' and 'FileID', both with placeholder text 'Example: abc'. Below these fields are 'Invoke' and 'Clear' buttons. The function signature 'function (TransactionID as text, FileID as text) as any' is displayed at the bottom.

Queries [12]

- GlobalParams
- getAccessToken
- ProcessSkillsList
- TransactionSteps
- ProcessSkillWithTransactions
- ProcessSkillWithTransactionsIds
- ReportingFieldInfo
- ReportingDocInfo
- getTransactionInfo
- getResultFile**
- GetResultFilesFieldsJson
- GetVendorName

Enter Parameters

TransactionID
Example: abc

FileID
Example: abc

Invoke Clear

function (TransactionID as text, FileID as text) as any

Queries Step by Step

11. GetVendorName

Reads the fields from Json result file to get the field values.

Queries [12] GlobalParams getAccessToken ProcessSkillsList TransactionSteps ProcessSkillWithTransactions ProcessSkillWithTransactionsIds ReportingFieldInfo ReportingDocInfo getTransactionInfo getResultFile GetResultFilesFieldsJson GetVendorName	= Table.ExpandRecordColumn(#"Expanded Json.Fields", "Json.Fields.Vendor", {"N				
	TransactionId	HasManualReview	Completed	ABC 123	Json.doc
	1	876f2d4e-5295-4ba5-93cb-4f86bdcc825f	TRUE	TRUE	.blob.db4bfb
	2	c45e695b-6675-4322-8492-58a290dacd9f	TRUE	TRUE	.blob.c29b8d
	3	bc4f50a0-a4d2-4d18-bee9-fd71de09eef0	TRUE	TRUE	.blob.8d5ccb
	4	b7efe8d2-51fc-4340-b9c1-515dc716968c	TRUE	TRUE	.blob.3e4d48
	5	58dbc422-e30d-45e9-b0c4-94c6bc2baf23	TRUE	TRUE	.blob.410e23
	6	ee7e604f-8b3e-4960-8312-781d6db7b947	TRUE	TRUE	.blob.4e1414
	7	7c160060-af98-4519-b095-712bb40deb8a	TRUE	TRUE	.blob.5c8415
	8	a7491e15-f479-4632-a46a-38d9a8437ae1	TRUE	TRUE	.blob.78b746
	9	fb2f2075-8b81-480e-9ec3-d1e5c4d9cd82	FALSE	TRUE	.blob.1caa7d
	10	6640835d-5c3e-40d5-acff-835c9a1f0a9c	TRUE	TRUE	.blob.43d062
	11	6a7b6c9e-020a-41a9-8656-90b0246d9442	TRUE	TRUE	.blob.9413da
	12	d1f46d3a-4198-4ddd-880f-d7f2ac0b1189	FALSE	TRUE	.blob.db9fcd
	13	f05db7f2-51a7-4bf8-8835-3c11db1590fb	TRUE	TRUE	.blob.5fe8b5
	14	75698648-abd2-45c3-a9a3-cfac4dd0934	TRUE	TRUE	.blob.2032c7
	15	4335463a-18f6-48ca-b131-7cc59493f56c	TRUE	TRUE	.blob.ceb846
	16	a621a6c0-acb4-42e7-87c4-242dfd604412	TRUE	TRUE	.blob.313ae7
	17	c24028e5-44eb-48b1-bf1a-5457ee714c11	TRUE	TRUE	.blob.998812
	18	c6923595-8d63-4fa4-87ec-e7a8396a0d9a	TRUE	TRUE	.blob.acdf8f3

Queries Step by Step

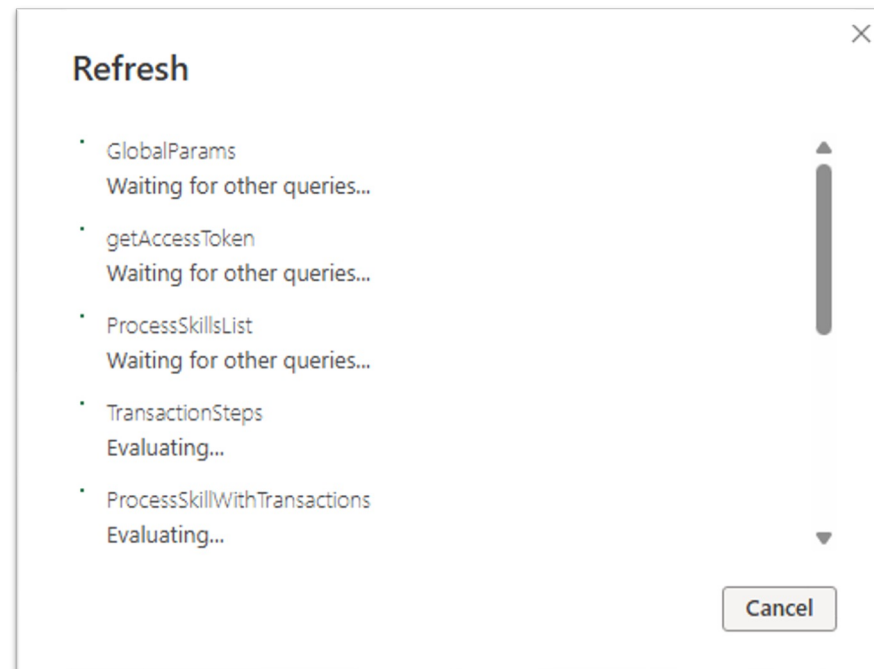
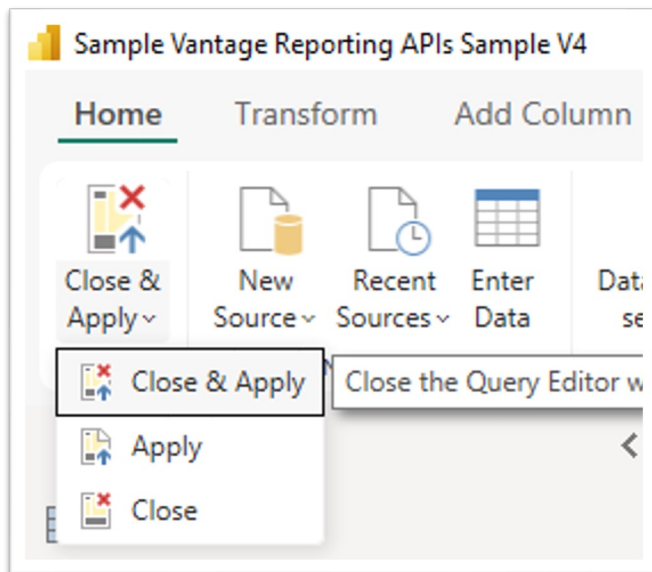
12. GetVendorName

Prepare the field values to be used on the dashboard.

Queries [12]		= Table.ExpandRecordColumn("#Expanded Json.Fields", "Json.Fields.Vendor", {			
GlobalParams	TransactionId	HasManualReview	Completed	ABC 123	Json.d
getAccessToken	1	876f2d4e-5295-4ba5-93cb-4f86bdcc825f	TRUE	TRUE	.blob.db4b
ProcessSkillsList	2	c45e695b-6675-4322-8492-58a290dadc9f	TRUE	TRUE	.blob.c29b
TransactionSteps	3	bc4f50a0-a4d2-4d18-bee9-fd71de09eef0	TRUE	TRUE	.blob.8d5c
ProcessSkillWithTransactions	4	b7efe8d2-51fc-4340-b9c1-515dc716968c	TRUE	TRUE	.blob.3e4d
ProcessSkillWithTransactionsIds	5	58dbc422-e30d-45e9-b0c4-94c6bc2baf23	TRUE	TRUE	.blob.410e
ReportingFieldInfo	6	ee7e604f-8b3e-4960-8312-781d6db7b947	TRUE	TRUE	.blob.4e14
ReportingDocInfo	7	7c160060-af98-4519-b095-712bb40deb8a	TRUE	TRUE	.blob.5c84
getTransactionInfo	8	a7491e15-f479-4632-a46a-38d9a8437ae1	TRUE	TRUE	.blob.78b7
getResultFile	9	fb2f2075-8b81-480e-9ec3-d1e5c4d9cd82	FALSE	TRUE	.blob.1caa
getResultFilesFieldsJson	10	6640835d-5c3e-40d5-acff-835c9a1f0a9c	TRUE	TRUE	.blob.43d0
GetVendorName	11	6a7b6c9e-020a-41a9-8656-90b0246d9442	TRUE	TRUE	.blob.9413
	12	d1f46d3a-4198-4ddd-880f-d7f2ac0b1189	FALSE	TRUE	.blob.db9fi
	13	f05db7f2-51a7-4bf8-8835-3c11db1590fb	TRUE	TRUE	.blob.5fe8l
	14	75698648-abd2-45c3-a9a3-cfac4ddf0934	TRUE	TRUE	.blob.2032
	15	4335463a-18f6-48ca-b131-7cc59493f56c	TRUE	TRUE	.blob.ceb8
	16	a621a6c0-acb4-42e7-87c4-242dfd604412	TRUE	TRUE	.blob.313a
	17	c24028e5-44eb-48b1-bf1a-5457ee714c11	TRUE	TRUE	.blob.9988

Publish the Dashboard

After test all queries, click in Close & Apply to load the data into the dashboard.



Publish the Dashboard

After complete the update, the dashboard will be available.



Questions or Suggestions

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