

# Alchemer Survey Power BI Integration

The Alchemer Power BI integration is available as an add-on. If you are interested in purchasing the Power BI integration, please [contact us](#) for additional information.

If you have purchased the Power BI integration and are not seeing it in your account, [don't hesitate to reach out](#).

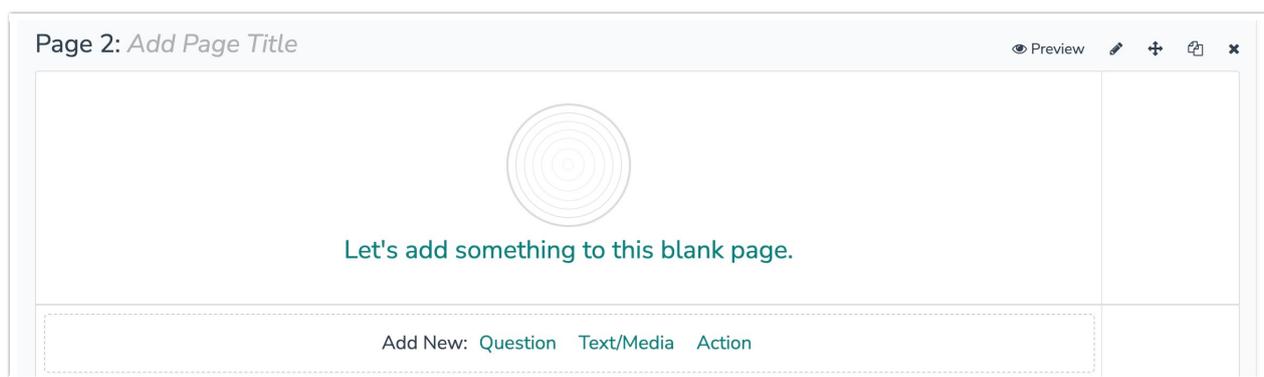
Alchemer's integration with Power BI allows you to easily push data from an Alchemer Survey into Microsoft Power BI for analysis.

## Integration Setup

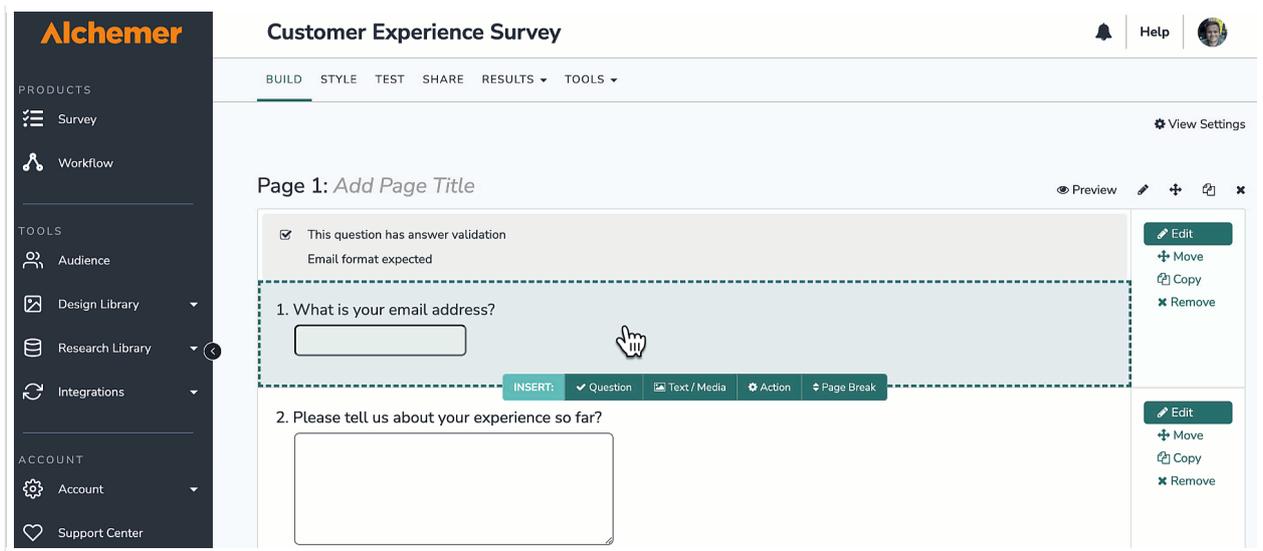
### Adding an Integration Action

1. Select an existing survey or create a new survey. Then navigate to the Survey Builder.
2. Click "Add New: Action"

You cannot add this Integration Action to the first page of the survey.



3. In the Add Action modal, scroll down to Integrations. Then click "Add" for one of your purchased integrations.

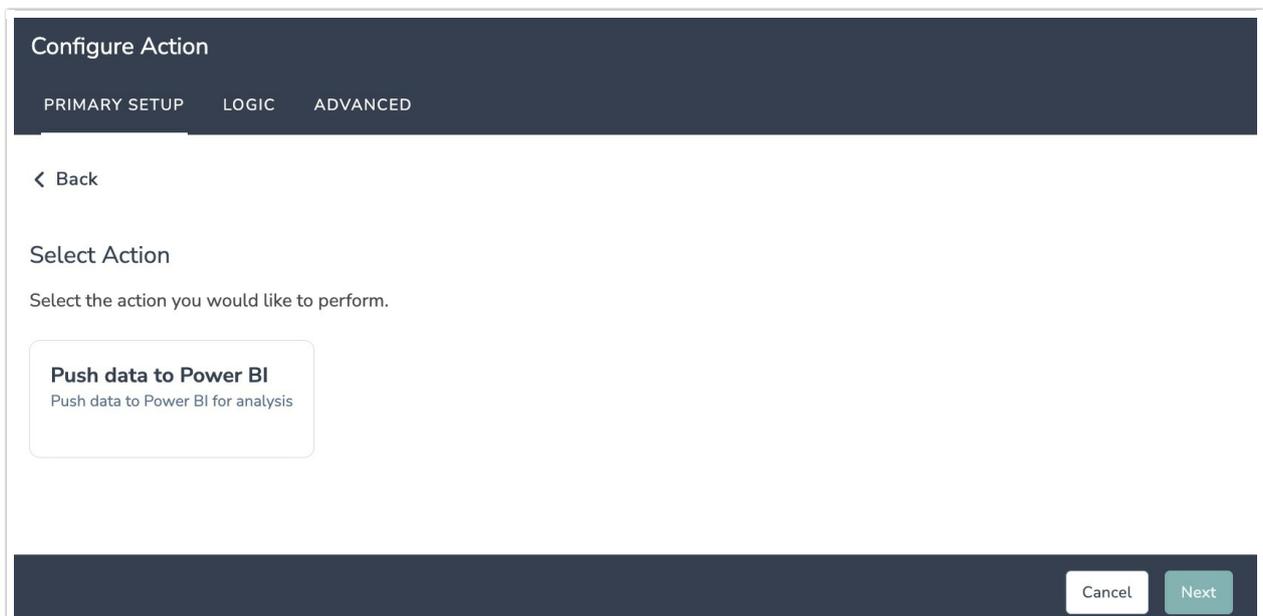


If you haven't purchased any additional integrations, you will see the below screen:



4. Select the action you would like to perform.

- Push data to Power BI: Push survey data from Alchemer into Power BI for analysis.



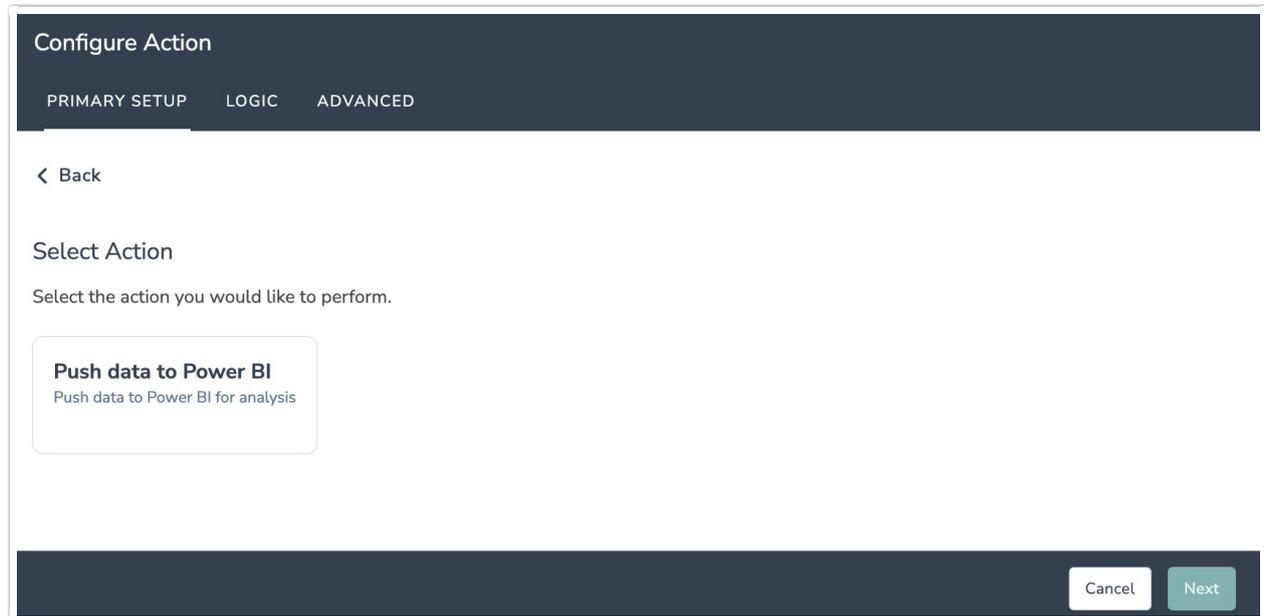
## Configuration | Push Data to Power BI

To configure this integration action, you will need:

- A streaming dataset setup in Power BI with 'historic data analysis' turned on.

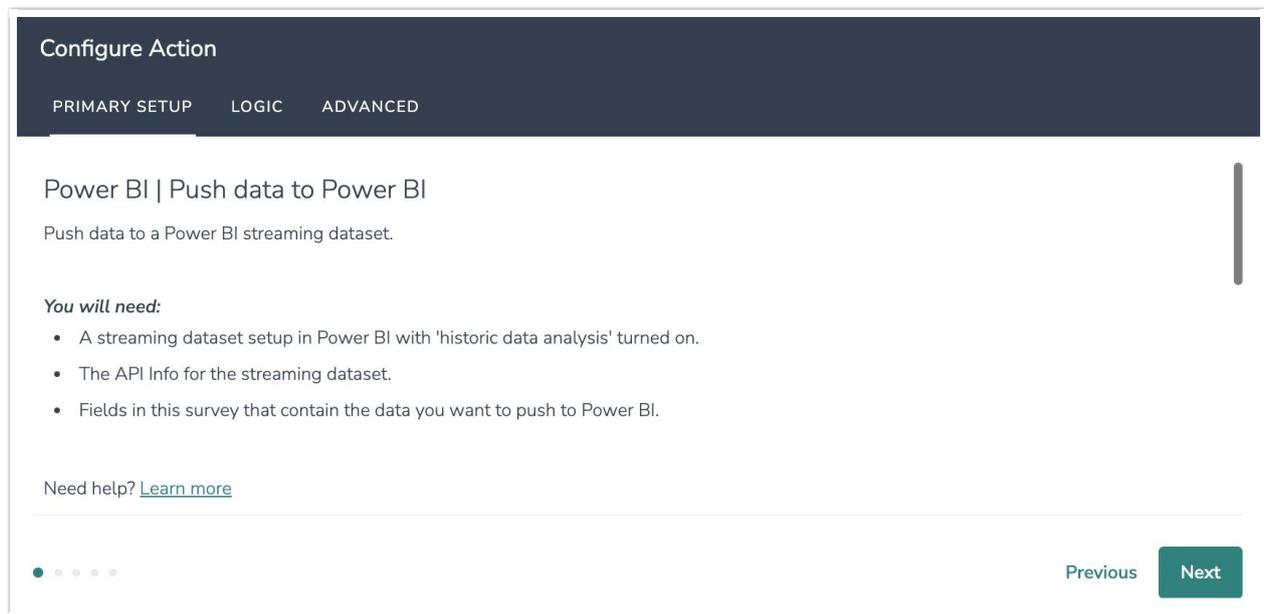
- The API Info for the streaming dataset.
- Fields in this survey that contain the data you want to push to Power BI

1. Select "Push data to Power BI".



The screenshot shows the 'Configure Action' interface. At the top, there are tabs for 'PRIMARY SETUP', 'LOGIC', and 'ADVANCED'. Below the tabs is a 'Back' button. The main section is titled 'Select Action' and contains the instruction 'Select the action you would like to perform.' A single action card is visible, titled 'Push data to Power BI' with the subtitle 'Push data to Power BI for analysis'. At the bottom right, there are 'Cancel' and 'Next' buttons.

2. Click "Next" on the integration overview screen.



The screenshot shows the 'Configure Action' interface for the 'Power BI | Push data to Power BI' integration. The title is 'Power BI | Push data to Power BI' and the subtitle is 'Push data to a Power BI streaming dataset.' Below this, there is a section titled 'You will need:' with a list of requirements: 'A streaming dataset setup in Power BI with 'historic data analysis' turned on.', 'The API Info for the streaming dataset.', and 'Fields in this survey that contain the data you want to push to Power BI.' At the bottom left, there is a 'Need help? [Learn more](#)' link. At the bottom right, there are 'Previous' and 'Next' buttons. A progress indicator with four dots is visible at the bottom left.

3. Copy the Push URL and streaming dataset example from Power BI and paste them below.

Alchemer will send all data as text.

In Power BI, you will need to turn on 'Historic data analysis' for the streaming dataset.

## Configure Action

PRIMARY SETUP LOGIC ADVANCED

### Power BI | Push URL and sample

Copy the Push URL and streaming dataset example from Power BI and paste them below.

#### Push URL *(optional)*

```
https://api.powerbi.com/beta/7cf3133a-f5ac-4c9a-ac56-8ed81b69f1ce/datasets/bb4b8e8c-688f-4e8d-92fd-b2b882590420/row
```

#### Streaming data example *(optional)*

```
[{"column1":"AAAAA555555","column2":"AAAAA555555"}]
```

#### Note:

- Turn on 'Historic data analysis' for this streaming dataset in Power BI.
- All data is sent by Alchemer as text.



Previous

Next

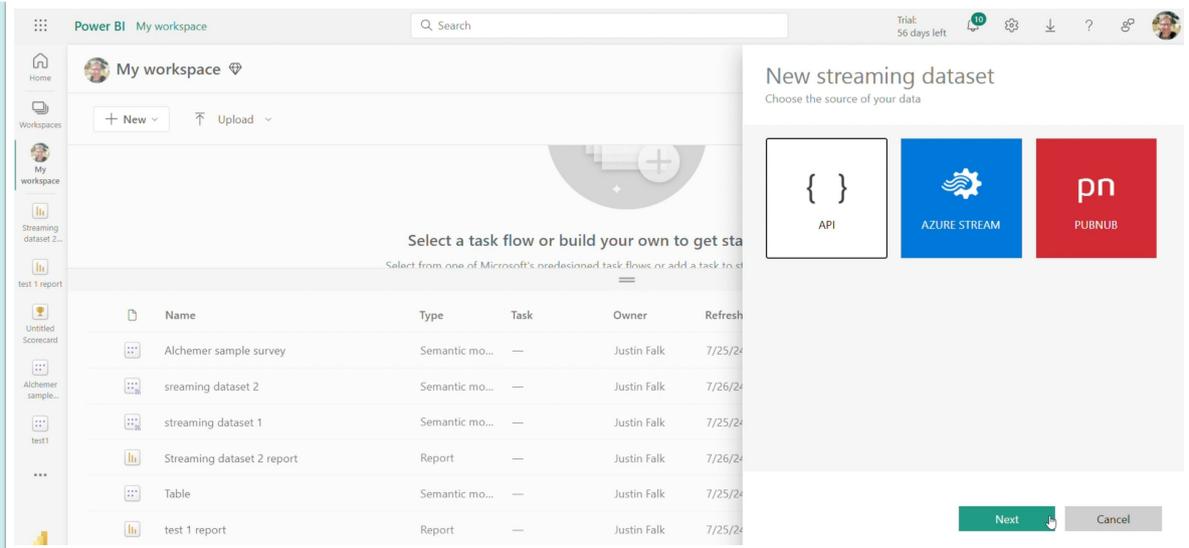
## Getting your Push URL and Streaming Dataset Example

1. Login to Power BI.
2. Go to your workspace and click "New". Then select "Streaming dataflow" from the dropdown.

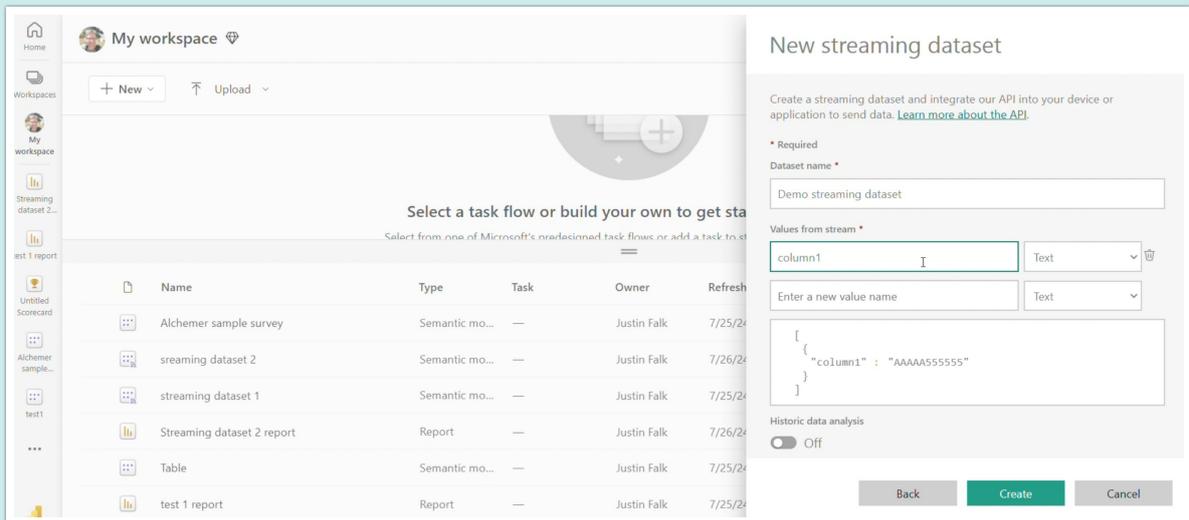
The screenshot shows the Power BI workspace interface. The 'New' dropdown menu is open, showing options like Folder (Preview), Report, Paginated report, Scorecard, Dashboard, Semantic model, Streaming dataset, and Streaming dataflow. The 'Streaming dataflow' option is highlighted. Below the dropdown, a table lists existing dataflows and reports.

Task	Owner	Refreshed	Next refresh	Endorsement	Sensitivity
Semantic mo...	Justin Falk	7/25/24, 4:01:57...	N/A	—	—
Semantic mo...	Justin Falk	7/26/24, 2:19:55...	N/A	—	—
streaming dataset 1	Justin Falk	7/25/24, 3:44:13...	N/A	—	—
Streaming dataset 2 report	Justin Falk	7/26/24, 2:19:55 ...	—	—	—
Table	Justin Falk	7/25/24, 3:59:56...	N/A	—	—

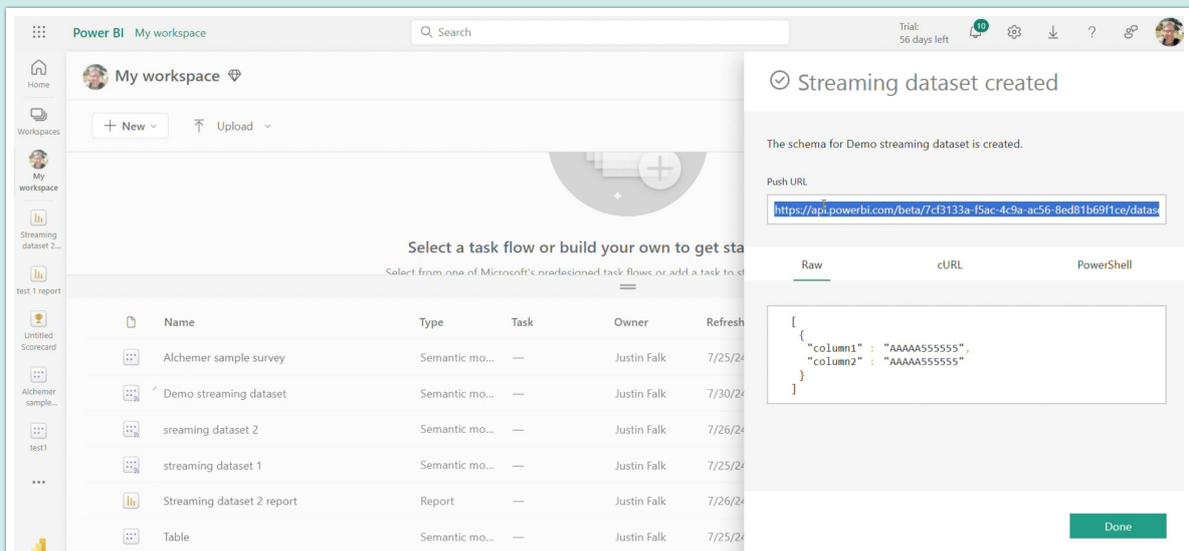
3. Choose API as your datasource. Click "Next".

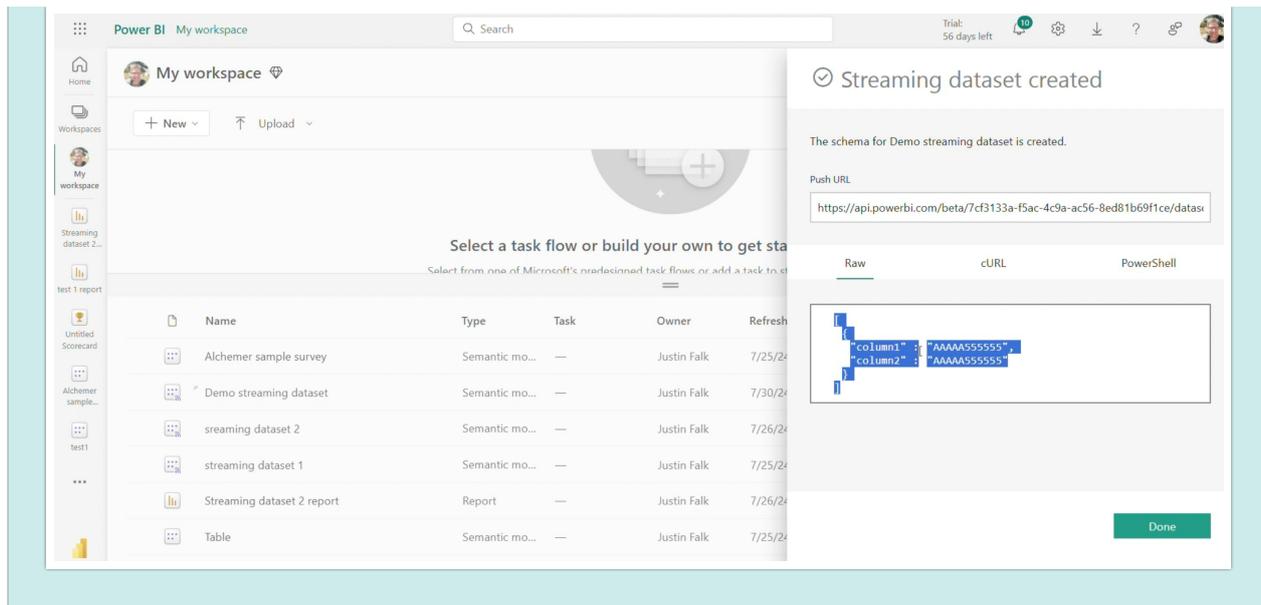


4. Name your dataset and create the values from the stream. Toggle Historic data analysis "on".

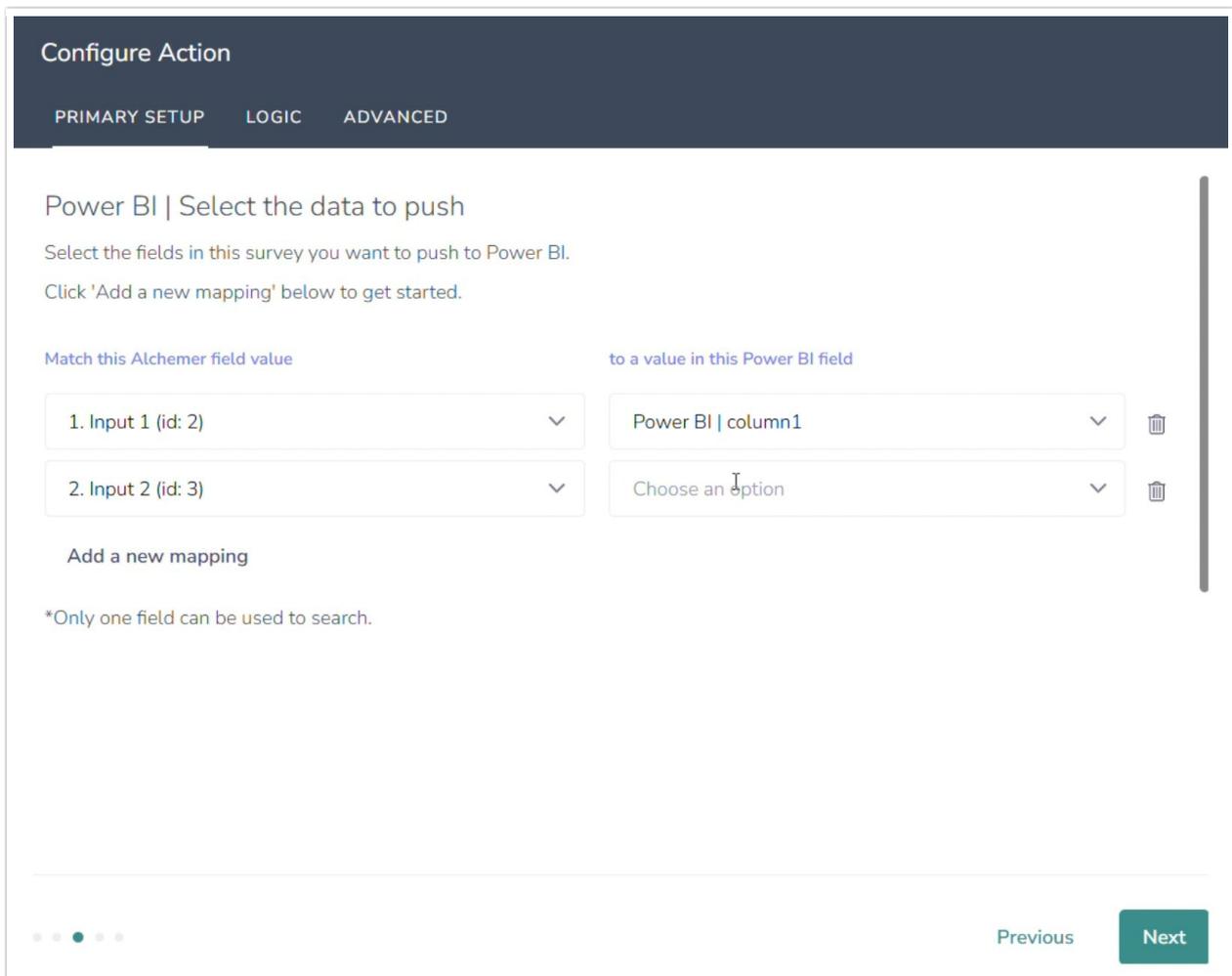


5. Copy the Push URL and streaming data example.





4. Select the fields in the survey that you want to push to PowerBI. Then map those fields to the corresponding fields you set up in PowerBI.



## How to Create Fields in Alchemer

1. Add survey questions that when answered will provide the desired field. (Example: What

is the customer email address?)

2. Create a container using a [Hidden Value](#).

5. *This is optional.* After a Power BI integration action occurs, data about the action is available for use in your survey. You can map this data back to fields in Alchemer.

For example, if there is an error in the action you can skip the rest of the survey questions for that respondent.

The screenshot shows the 'Configure Action' interface for a 'Power BI | Get data back' action. The interface has a dark header with the title 'Configure Action' and three tabs: 'PRIMARY SETUP', 'LOGIC', and 'ADVANCED'. Below the header, the title 'Power BI | Get data back' is displayed, followed by the text 'You can get data back about the update to use in your survey. This is optional.' There are two columns of configuration options. The left column is titled 'Use data from the action' and contains two dropdown menus: 'Action | Metadata | status\_code' and 'Action | Metadata | message'. The right column is titled 'To update this Alchemer survey field' and contains two dropdown menus: '4. Output 1 (id: 4)' and '5. Output 2 (id: 5)'. Each dropdown menu has a trash icon to its right. Below the dropdowns is the text 'Add a new mapping'. At the bottom of the interface, there are four dots indicating the current step, and two buttons: 'Previous' and 'Next'.

6. Click "Save" to complete the integration.

### Configure Action

PRIMARY SETUP   LOGIC   ADVANCED

#### Power BI | Setup complete

A log of each run result can be found in the [Individual Responses > Action Log](#).

Integration successfully setup! Close this window now ×

[Previous](#) [Save](#)

## Monitoring a Integration Action

A log of each run result can be found in Results > Individual Responses > Action Log.

Select an individual response and then navigate to the Action Log. In the Action Log you can monitor if the action was successful or not.

## FAQs

- ▶ What permissions do I need within Alchemer to set-up and use the Power BI integration?
- ▶ This integration doesn't fit my use cases, or I want to provide feedback to Alchemer!

Related Articles