

Alchemer Survey Snowflake Integration

The Alchemer Snowflake Integration is available to our business platform customers. If you are interested in the Snowflake Integration, please [contact us](#) for additional information.

If you are using key-pair authentication, please refer to our [Alchemer to Snowflake Key-pair Authentication](#) help doc.

At a high-level, Alchemer's integration with Snowflake allows you to easily:

- Push survey data from Alchemer into a Snowflake table.
- Get data from a Snowflake table and use that data in an Alchemer Survey.

Easily push your Alchemer feedback data into Snowflake data warehouse, to combine the feedback with your other data and make it easily accessible to business users.

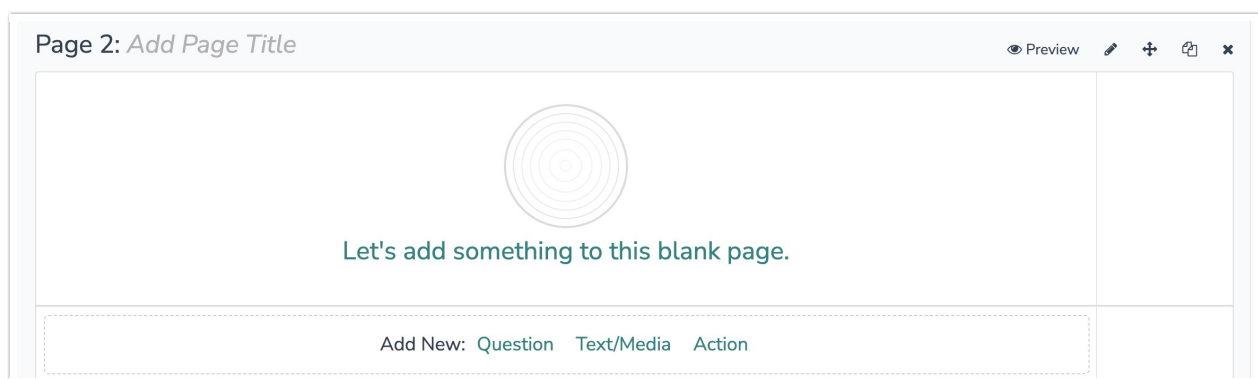
Quickly pull data from a Snowflake table into Alchemer so that you can personalize surveys.

Integration Setup

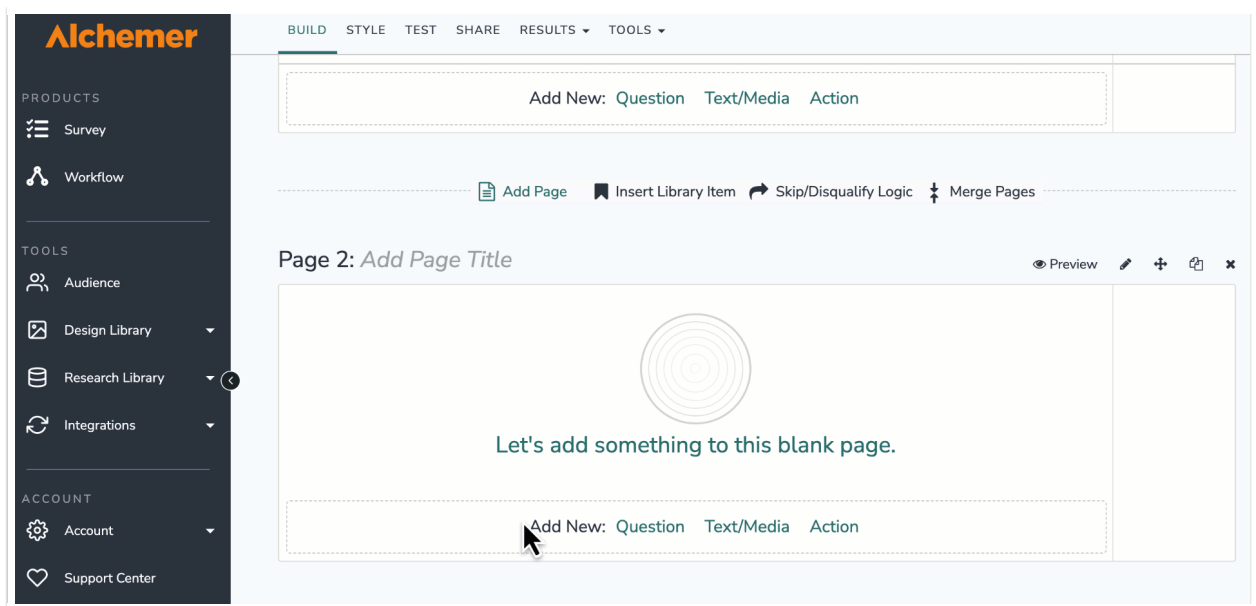
Adding an Integration Action

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:

Integrations

Don't see what you're looking for? [Explore our integrations](#)

4. Select the action you would like to perform. You can:

- **Push to Table:** Insert a row of new data from an Alchemer Survey into a Snowflake table. [Jump to section.](#)
- **Get Data:** Get data from a Snowflake Table and bring that data into an Alchemer Survey. [Jump to section.](#)

Snowflake | Push to Table

Before configuring this integration action, you will need:

- Your Snowflake login information
- Fields that will be used to select your specific Snowflake table
- Fields in this survey that contain the data you want to use to update the Snowflake table

1. Select "Push to Table".

Configure Action

PRIMARY SETUPLOGICADVANCED

[< Back](#)

Select Action

Select the action you would like to perform.

Push to Table
Insert Row into a Snowflake Table

Cancel

Next

2. Hit next on the integration overview screen.

Configure Action

PRIMARY SETUPLOGICADVANCED

Snowflake | Push to Table

Update data in a Snowflake table.

You will need:

- Your Snowflake login information
- Fields that will be used to select your specific Snowflake table
- Fields in this survey that contain the data you want to use to update the Snowflake table

Need help? [Learn more](#)

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3. Connect to your Snowflake account. Click new authentication and provide the required fields.

WATCH OUT:

Fields that are required:

- Account:
- Username

- Password
- Warehouse
- Database
- Schema

Fields that not required

- Role
- Access URL

If you need clarity on what the field is and why the integration requires it, hover over the question mark icon in the right corner of every field.

The screenshot shows the 'Configure Action' dialog for 'Snowflake | Authentication'. The dialog has tabs for 'PRIMARY SETUP', 'LOGIC', and 'ADVANCED'. The 'PRIMARY SETUP' tab is active. It contains a section for 'Snowflake | Authentication' with the instruction 'Connect to your Snowflake account.' and a note 'You will need to specify the warehouse, database, and schema for the table you are inserting into'. Below this is a 'Create a new authentication' section. A red box highlights the 'Account*', 'Username*', and 'Password*' fields, which are marked as required. A red arrow points from a text box 'The fields within the red box are all required.' to the red box. Below the highlighted fields are 'Warehouse', 'Database', and 'Schema' fields, which are not highlighted. At the bottom are 'Role' and 'Access URL' fields. The 'Previous' and 'Create' buttons are at the bottom right.

4. In the Table List dropdown, select the table you would like to use.

Configure Action

PRIMARY SETUPLOGICADVANCED

Snowflake | Choose Table

- Select the Snowflake table you would like to use from the dropdown
- This is a required field.

Select Table List*

CUSTOMER_SATISFACTION

PreviousNext

5. Choose the survey data you want to use to insert a row into your Snowflake table.

Configure Action

PRIMARY SETUPLOGICADVANCED

Snowflake | Insert Row Into Table

Choose the survey data you want to use to insert a row into your Snowflake table

Use data from this Alchemer field

To update this Snowflake field

2. Please tell us about your experience so far...

OPEN_TEXT

Add a new mapping

PreviousNext

6. *Optional:* After an 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 send yourself an email with the error message via a Send Email action.

Configure Action

PRIMARY SETUPLOGICADVANCED

Snowflake | Get data back

You can get data back about the update to use in your survey.
This is optional.

Use data from the customer update

To update this Alchemer survey field

Action | Metadata | status_code

Update Record Metadata: Status Code (id: ...

Add a new mapping

Previous

Next

7. Click "Save" to complete setup for the integration action.

Configure Action

PRIMARY SETUPLOGICADVANCED

Snowflake | Setup complete

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

Previous

Save

Snowflake | Get Data

Before configuring this integration action, you will need:

- Your Snowflake login information
- Fields in this survey that contain the data you want to use to query for the specific row in a Snowflake table to get data back
- Fields in your survey to store the data you get back from Snowflake

1. Select "Get Data" as your action.

The screenshot shows a 'Configure Action' dialog box with a dark blue header. Below the header are three tabs: 'PRIMARY SETUP', 'LOGIC', and 'ADVANCED'. The 'PRIMARY SETUP' tab is selected. Below the tabs is a 'Back' button with a left arrow. The main section is titled 'Select Action' and contains the instruction 'Select the action you would like to perform.' There are two action buttons: 'Push to Table' with the subtext 'Insert Row into a Snowflake Table' and 'Get Data' with the subtext 'Get Data from Snowflake Table'. At the bottom right of the dialog are 'Cancel' and 'Next' buttons.

Configure Action

PRIMARY SETUP LOGIC ADVANCED

< Back

Select Action

Select the action you would like to perform.

Push to Table
Insert Row into a Snowflake Table

Get Data
Get Data from Snowflake Table

Cancel Next

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

Configure Action

PRIMARY SETUP

LOGIC

ADVANCED

Snowflake | Get Data

Get data from a Snowflake table.

You will need:

- Your Snowflake login information
- Fields in this survey that contain the data you want to use to query for the specific row in a Snowflake table to get data back
- Fields in your survey to store the data you get back from Snowflake

Need help? [Learn more](#)

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3. Connect to your Snowflake account. Click new authentication and provide the required fields.

WATCH OUT:

Fields that are required:

- Account:
- Username
- Password
- Warehouse
- Database
- Schema

Fields that not required

- Role
- Access URL

If you need clarity on what the field is and why the integration requires it, hover over the question mark icon in the right corner of every field.

Configure Action

PRIMARY SETUP LOGIC ADVANCED

Snowflake | Authentication
Connect to your Snowflake account.

You will need to specify the warehouse, database, and schema for the table you are inserting into

Create a new authentication

Account*
No value
Account is required

Username*
No value
Username is required

Password*
No value
Password is required

Warehouse
No value

Database
No value

Schema
No value

Role
No value

Access URL
No value

Previous Create

The fields within the red box are all required.

4. Choose a Snowflake table from the dropdown.

Configure Action

PRIMARY SETUP LOGIC ADVANCED

Snowflake | Choose Table
Select the Snowflake table you would like to use from the dropdown

Select Table*

CUSTOMER_SATISFACTION

5. Choose the survey data you want to use to query a row for in your Snowflake table.

All fields must match when multiple fields are selected.

Configure Action
PRIMARY SETUP
LOGIC
ADVANCED

Snowflake | Query Row in Table

Choose the survey data you want to use to query a row for in your Snowflake table.

Use data from this Alchemer field
1. 1 (id: 2)
Add a new mapping

To query on this Snowflake field
Snowflake | ALCHEMER_TEST | CUSTOMER_SATISFACTION | Q1

Note:

- All fields must match when multiple fields are selected.

6. Select which column you would like to order by and then choose ascending or descending.

You can only select one field to order by.

Configure Action
PRIMARY SETUP
LOGIC
ADVANCED

Snowflake | Choose Column to Order By

Select which column you would like to order by and whether you would like this to be ascending or descending

Snowflake Columns
Snowflake | ALCHEMER_TEST | CUSTOMER_SATISFACTION | Q1
Add a new mapping

Ascending or Descending
Ascending

Note:

- You may only select one field to order by.

7. *Optional:* After an 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 send yourself an email with the error message via a Send Email action.

The raw response will include all returned data. You can parse the raw response with a script in your survey.

This will only return the first row of data from Snowflake.

Configure Action

PRIMARY SETUP LOGIC ADVANCED

Snowflake | Get data back

Select the fields you would like to get back from Snowflake.

Use data from Snowflake

To update this Alchemer survey field

Use data from Snowflake	To update this Alchemer survey field
Snowflake ALCHEMER_TEST CUSTOMER_SATISFACTION Q1	3. Return 1 (id: 4)
Snowflake ALCHEMER_TEST CUSTOMER_SATISFACTION Q2	4. Return 2 (id: 5)

Add a new mapping

Note:

- This will only return the first row of data from Snowflake.
- The raw response will include all returned data. You can parse the raw response with a script in your survey.

8. Click "Save" to complete the integration action.

Configure Action

PRIMARY SETUP LOGIC ADVANCED

Snowflake | Setup complete

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

Previous Save

Monitor a Snowflake 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 Snowflake

integration?

▸ This integration doesn't fit my use cases, or I want to provide feedback to Alchemer!

Related Articles