

Alchemer Survey Databricks Structured Response Integration

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

Send Structured Survey Data to Databricks

The Alchemer + Databricks integration lets you seamlessly push structured survey data into Databricks—making it easy to use feedback as part of your data lake or analytics environment. This integration delivers three database-ready tables: **Questions**, **Sessions**, and **Responses**.

What is Databricks?

Databricks is a data platform built for big data analytics and AI. It allows teams to store, process, and analyze large datasets in one place.

What the Integration Does

When connected, Alchemer automatically pushes survey data into Databricks in a structured format. The data is broken into three separate tables:

- **Questions:** Includes the full list of survey questions and metadata.
- **Sessions:** Contains information about individual survey completions (e.g., response ID, timestamps, session-level metadata).
- **Responses:** Stores respondent answers in a normalized, analysis-ready format.

This structure mirrors how relational databases work, allowing your team to easily join, query, and visualize survey data alongside other data sources.

Why Use the Databricks Integration?

This integration is ideal if you:

- Need to include survey feedback in broader business intelligence workflows.
- Want to enrich customer or operational data with direct feedback.
- Prefer working with structured, queryable data over flat exports.

Example Use Case

As an Alchemer customer,

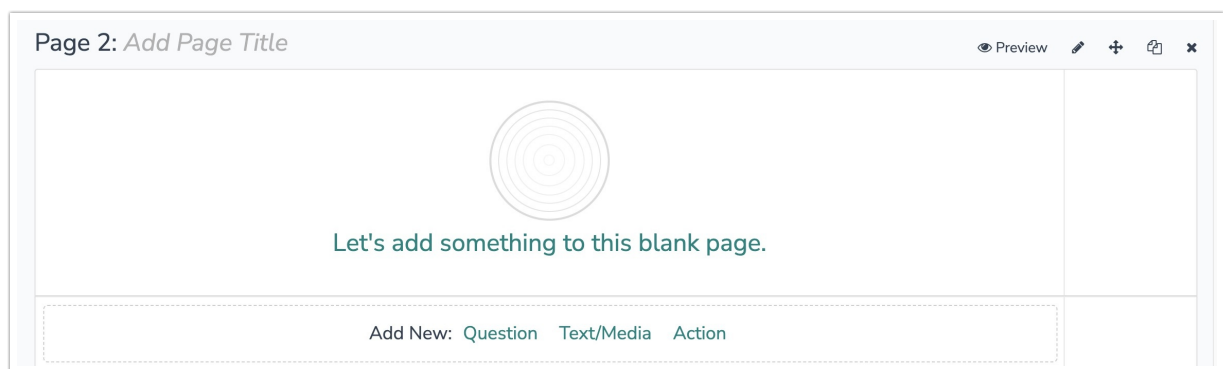
I want to push structured survey data to Databricks, so that I can analyze responses alongside other business data in my data lake.

Integration Setup

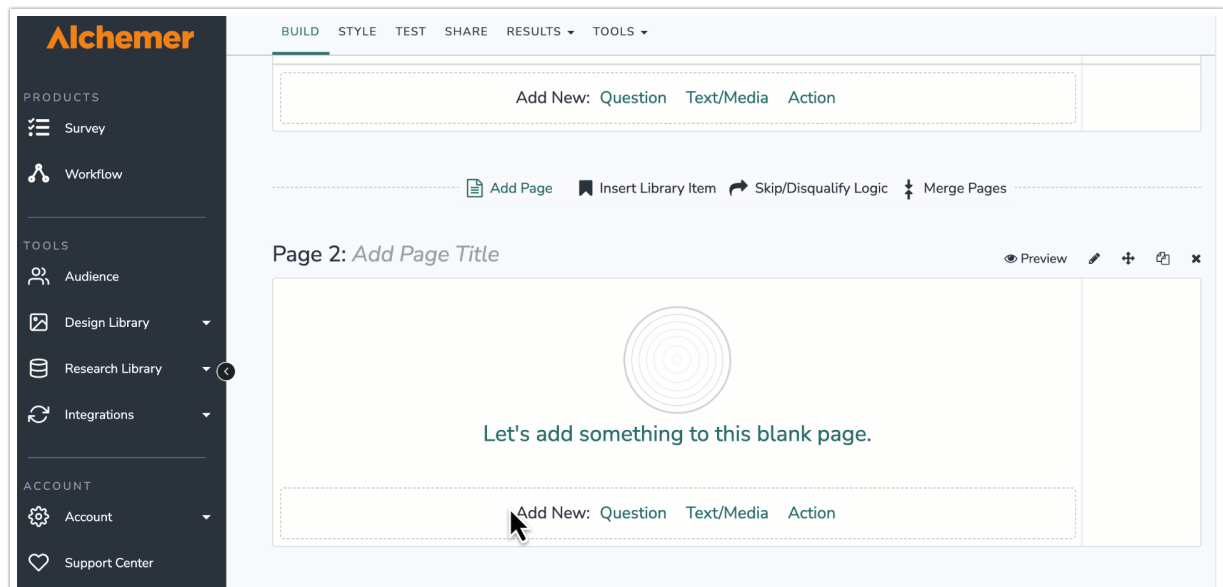
Adding an Integration Action

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](#)

Databricks | Structured Response

Before configuring this integration action, you will need:

- Your Databricks instance, client ID, and client secret
- A schema to build the tables

Edit Action

PRIMARY SETUPLOGICADVANCED

Databricks | Structured response

Builds and sends a structured response to Databricks

- A structured response is a database-like format with separate tables for questions, sessions, and question responses.
- Fields in this survey used to create the record information
- Provides consistent columns across questions and across surveys

You will need:

- Your Databricks instance, client id and client secret
- A schema to build the tables

Need help? [Learn more](#)

v251027

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1. Authenticate with Databricks. Use the [authorizing setup link](#) on the Databricks site.

Edit Action

PRIMARY SETUPLOGICADVANCED

Databricks | Authentication

Authenticate with Databricks

Databricks connected
PRODUCTIONUS:C719797:T1036009's Databricks account

▼ ...

2. Choose the Databricks warehouse that you would like to use to run the queries.

Edit Action

PRIMARY SETUP

LOGIC

ADVANCED

Databricks | Choose warehouse

Choose the Databricks warehouse that you would like to use to run the queries

Select warehouse*

Type to search

Serverless Starter Warehouse

Previous

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3. Choose the Databricks catalog that you would like to use.

Edit Action

PRIMARY SETUPLOGICADVANCED

Databricks | Choose catalog

Choose the Databricks catalog that you would like to use

Select catalog*

samples

4. Choose the Databricks schema that you would like to use.

Edit Action

PRIMARY SETUPLOGICADVANCED

Databricks | Choose schema

Choose the Databricks schema that you would like to use

Select schema*

bakehouse

5. This step checks if your Databricks tables are already built and is used in the next step to construct, if necessary. Click next when the checking tables page has finished loading.

Edit Action

PRIMARY SETUPLOGICADVANCED

Databricks | Checking tables

Checking if your Databricks tables are already built. This is used in the next steps to construct the tables if necessary.

Click next when this page is finished loading.

6. This step builds tables in your schema, if not already built. Click next when this page is finished loading.

8. Question metadata is being pushed to Databricks for the selected questions.

Edit Action

PRIMARY SETUP

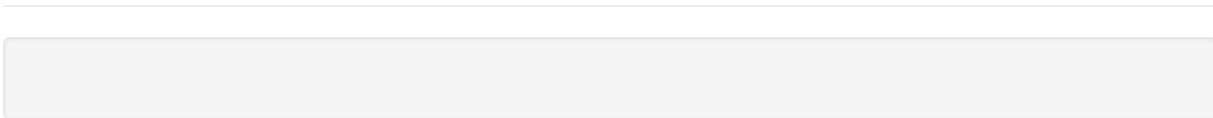
LOGIC

ADVANCED

Databricks | Pushing question data

Pushing question metadata to Databricks for the selected questions

9. Select the fields you want to get data back. This is optional.



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