INEIGHT

Explore API Documentation

SelfService_Compliance_EventTaskData

Pivot Instructions

Version 1.0

Last Modified: 10/18/2022

Last Modified By: Natalie Takacs

Change Log

This changelog only contains significant or notable changes to the revision. Any editorial type changes or minor changes are not included.

Revision	Change Date	Description	Modified By
1.0	8/18/2022	Initial draft	Natalie Takacs

Contents

Overview

The below tutorial provides a mechanism for transforming the data provided in our Compliance API to show each question on a form as a column and each response as the value of that column. For example, if a form has five questions, the native API would show each question as a Row, with the response in a separate column, also in rows.
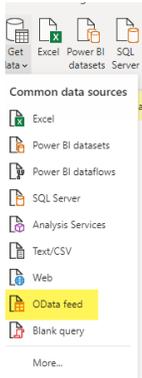
Ex:

Activity ID	Question Name:	Answer:
1	Question 1	Answer 1
1	Question 2	Answer 2
1	Question 3	Answer 3
1	Question 4	Answer 4
1	Question 5	Answer 5

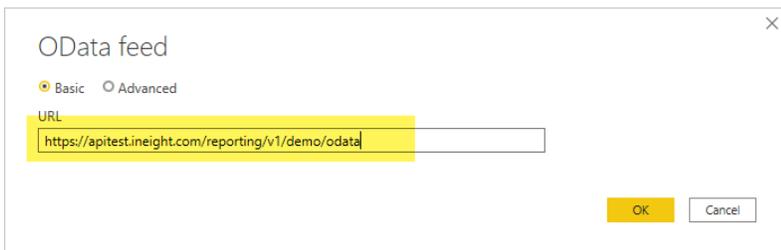The below method will move the question into a column of its own.

Ex:

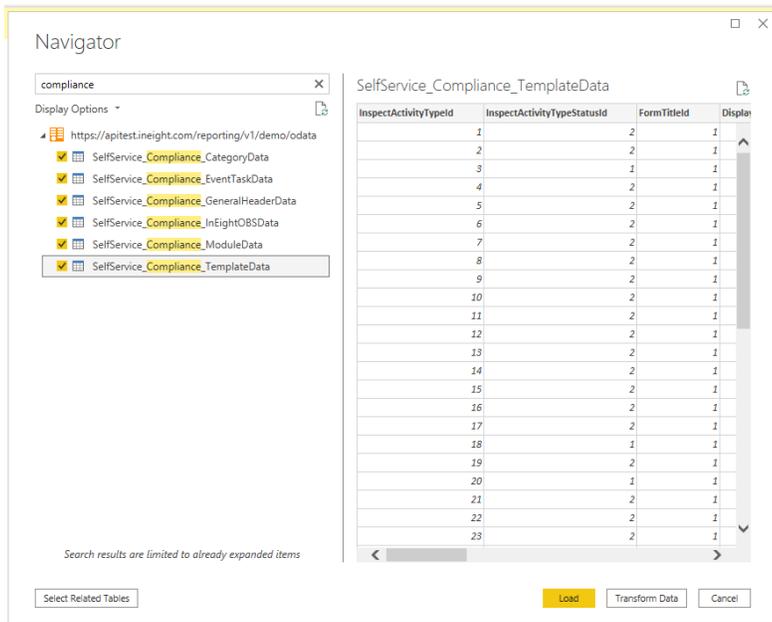| Activity ID	Question 1	Question 2	Question 3	Question 4	Question 5
1	Response 1	Response 2	Response 3	Response 4	Response 5

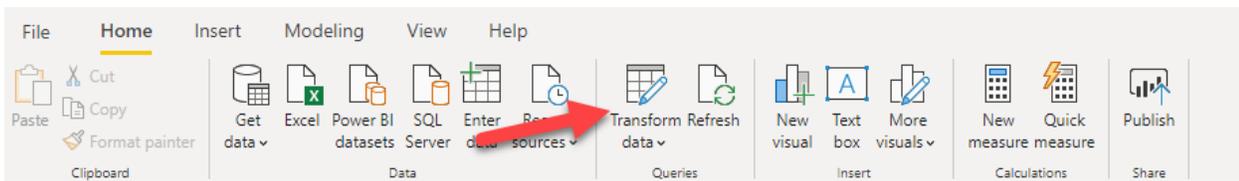To get started, connect to the Compliance API using the OData Connector
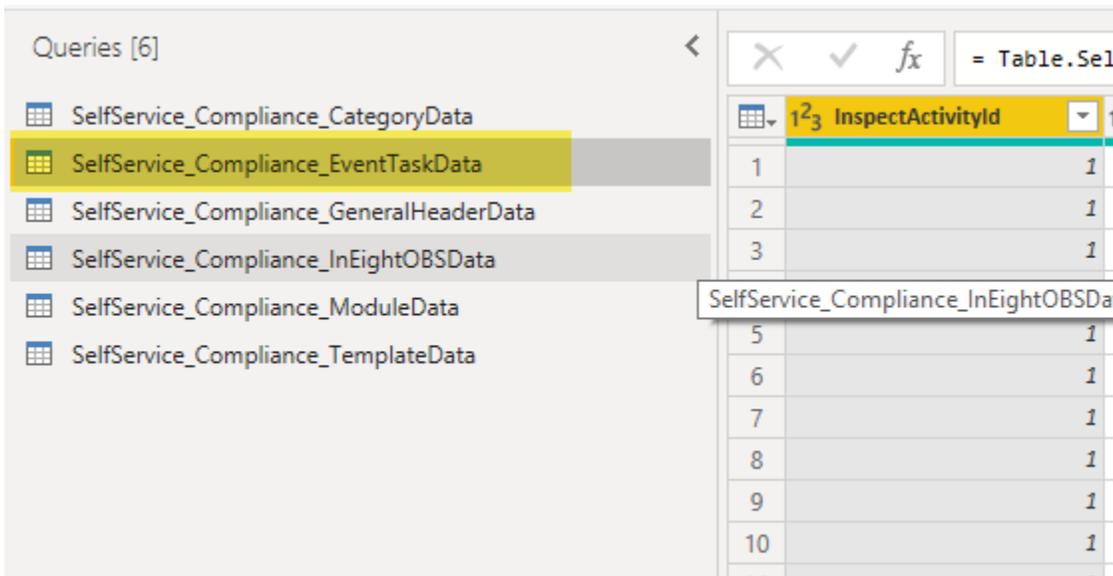

Navigate to your environment

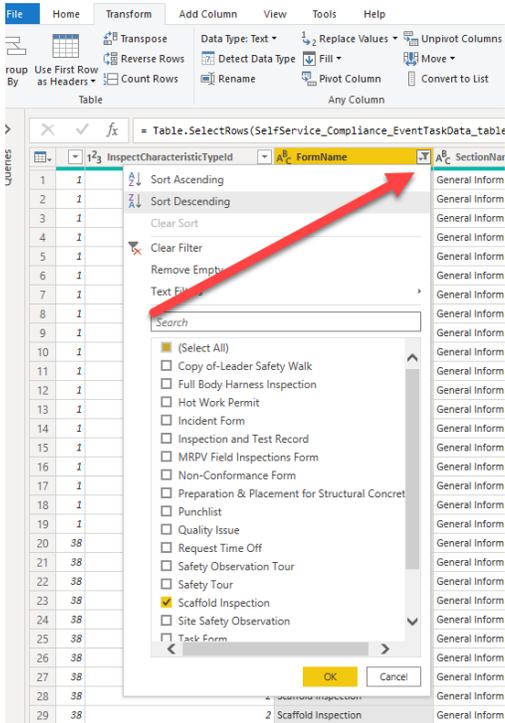Select the Compliance APIs

Select Transform Data

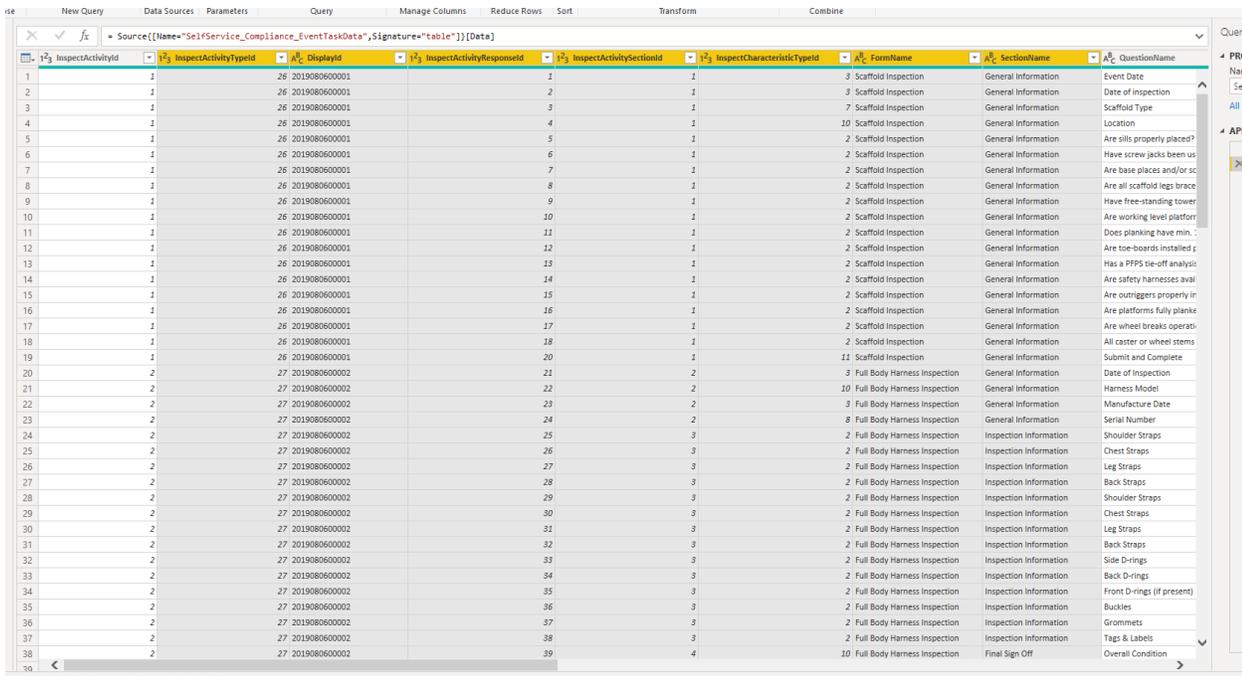Click on the SelfService_Compliance_EventTaskData API

Filter the data to the form you intend to report on

Note: It is recommended you only report on the same kind of form or a single form at a time, as the method below will create a column for each question. The limit on number of columns in PowerBI across all datasets is 16,000 – which is a very unmanageable number for a user, but also would be easy to reach if you don't filter on the form and create columns for every question on every single form.

Remove all columns until you only have the following 3 columns:

- ActivityID – this field is unique for each submission of the form
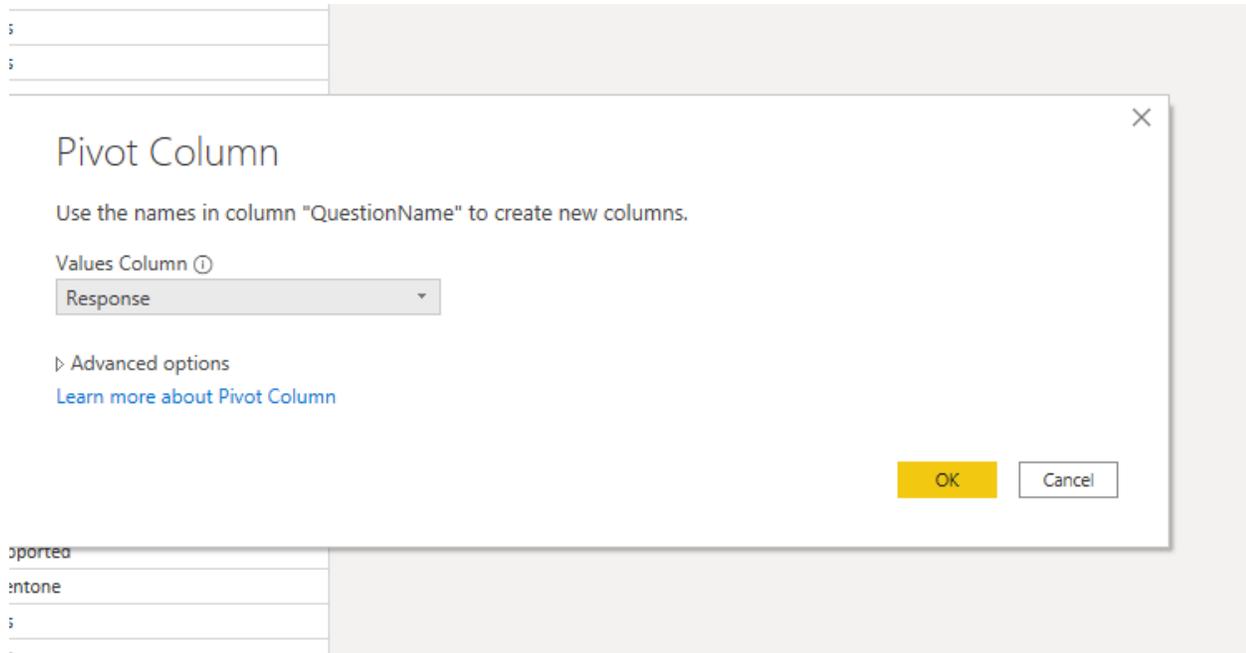- QuestionName
- Response

Right Click and Select Remove Columns

Your view should look like this, with all other columns removed

Note: Removing the columns doesn't remove them forever, you can always modify your applied steps or join the API in again for another form or if you needed more information that was removed in this step (Section for example)

Click on Question Name and select Pivot

To make each question appear as a column with the response as an answer (and only one record per each form submission), select Response as the Values column.

Pivot Column

Use the names in column "QuestionName" to create new columns.

Values Column ⓘ

Response

▷ Advanced options

Learn more about Pivot Column

OK   Cancel

Making this transformation will make each submission a single row, and each question and response a column with a row that contains the response for the question.

This can be seen by looking at the ActivityID – which previously had multiple records, but now shows all the content for that submission spread out as multiple columns vs rows, making it easier to report on the information.