

# Pipe or Repeat Unselected Answer Options

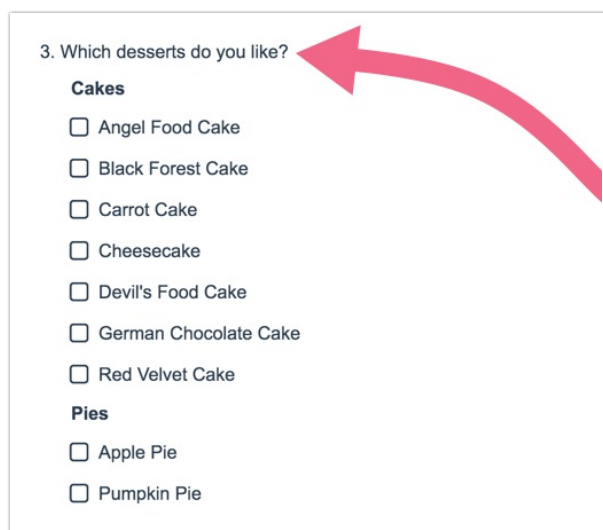
Alchemer's Piping feature allows you to repeat previously collected data later in your survey. By default, piping is based on the answers selected in your source question. But what if you want to use the unselected answers later in your survey?

No sweat! This is possible with the click of a button!

## Pipe Unselected Answer Options

Using the **Pipe Unselected Items** setting in option piping you can use the answer(s) that were left unselected from a previous question as the answer options in a question *on a later page*.

In our example, we first ask the respondent to identify which desserts they like. This is our **source** question.



3. Which desserts do you like?

**Cakes**

- Angel Food Cake
- Black Forest Cake
- Carrot Cake
- Cheesecake
- Devil's Food Cake
- German Chocolate Cake
- Red Velvet Cake

**Pies**

- Apple Pie
- Pumpkin Pie

Next, we want to ask a follow-up question (on a later page) based on the items that the respondent *did not select*. To set this up, we follow these steps.

### Setup


Option piping can be setup by editing the target question (the question you wish to pipe the unselected answer options into). Typically when option piping, you will want to set up your target question with no answer options as the answer options will dynamically populate from the source question.

1. Edit the target question and navigate to the **Piping/Repeat** tab.
  2. Under the **Pipe Into Options** section, select the source question from a previous page.
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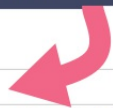
**Radio Buttons**

Question Logic Validation Layout **Piping / Repeat** [♥ Need Help?](#)

Pipe Into Options

Q 3. Which desserts do you like? 

Pipe Selected Items  Pipe Unselected Items (Excludes N/A, Other - Write In, etc)



### 3. Select Pipe Unselected Items.

Pipe Into Options

Q 3. Which desserts do you like? 

Pipe Selected Items  Pipe Unselected Items (Excludes N/A, Other - Write In, etc)



Now our follow-up question will ask the respondent to select their least favorite dessert from a list of the items they did not select in our source question.

4. Which is your least favorite?

**Cakes**

Cheesecake

Devil's Food Cake

German Chocolate Cake

Red Velvet Cake

**Pies**

Crimson Pie

Pecan Pie

### Compatible Questions

The source question can be one of the following question types:

- Radio Buttons
- Checkboxes
- Dropdown Menu
- Rating (Likert Scale)

### Piping into Columns

If the target question is a table, you can **Pipe Into Columns** of the table (this is option piping).

### Pipe Into Columns:

Q 3. Which desserts do you like?

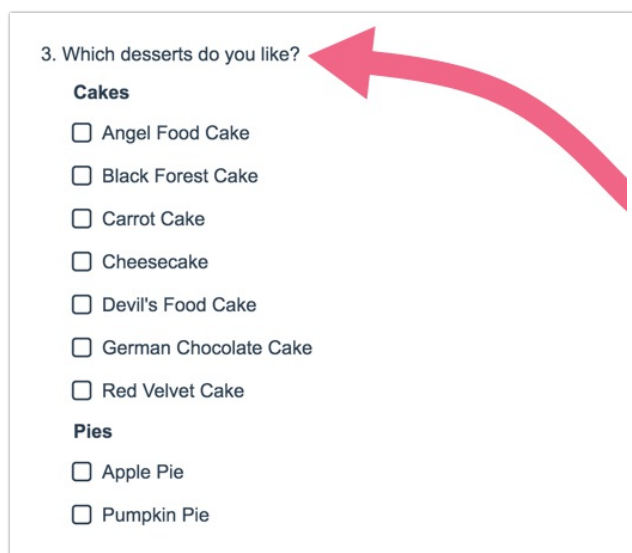
Pipe Selected Items  Pipe Unselected Items (Excludes N/A, Other - Write In, etc)

For more information on Option Piping (including Best Practices, FAQs, and Troubleshooting Tips) click [here](#).

## Repeat Questions Based on Unselected Items

Using Question Piping/Repeating you can **repeat a question** *on a later page* using the answer(s) that were left unselected from a previous question.

In our example, we first ask the respondent to identify which desserts they like. This is our **source** question.



3. Which desserts do you like?

**Cakes**

- Angel Food Cake
- Black Forest Cake
- Carrot Cake
- Cheesecake
- Devil's Food Cake
- German Chocolate Cake
- Red Velvet Cake

**Pies**

- Apple Pie
- Pumpkin Pie

A large red arrow points from the right side of the form towards the question text "3. Which desserts do you like?".

Next, we want to repeat a specific question (on a later page) for each of the unselected items in the source question.

### Setup

Question piping can be setup by editing the target question (the question you wish to repeat).

1. Edit the source question.
2. On the **Piping/Repeat** tab select the source question from the **Repeat this question...** dropdown menu.

Repeat this question for each selected option from a previously answered question

Q 3. Which desserts do you like?

Repeat based on the selected answers

Repeat based on the answers *not* selected

3. Choose the **Repeat based on the answers not selected** option.

Repeat this question for each selected option from a previously answered question

Q 3. Which desserts do you like?

Repeat based on the selected answers

Repeat based on the answers *not* selected

This question will now be asked for each dessert option that is not chosen in the source question.

4. What is the one thing that would change your mind about Crimson Pie?

5. What is the one thing that would change your mind about German Chocolate Cake?

6. What is the one thing that would change your mind about Pecan Pie?

7. What is the one thing that would change your mind about Red Velvet Cake?

Within your question title, if you wish to display the particular answer of each iteration of the piped question, you can include the merge code `[question("piped title")]`. The merge code will be dynamically replaced with the answer title of the source question.

If you would prefer to use the reporting value of the answer, the merge code `[question("piped value")]` should be used instead. These merge codes are available in the Insert merge code dropdown above your question and are also listed on the Piping/Repeat tab of your question for your reference.

Textbox

Question Logic Validation Layout Piping / Repeat

Repeat this question for each selected option from a previously answered question

Q 3. Which desserts do you like?

Repeat based on the selected answers

Repeat based on the answers *not* selected

**Merge Codes**

`[question("piped title")]`  
The answer title for the current iteration of the repeated question.

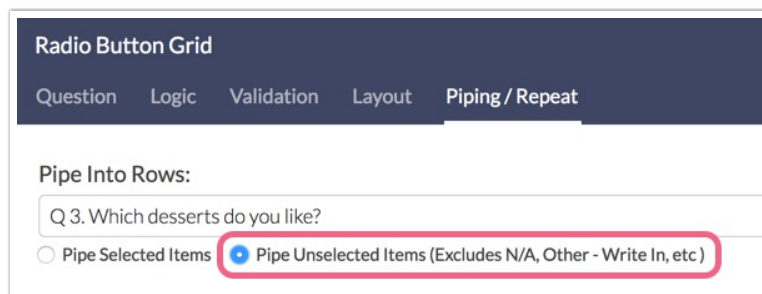
`[question("piped value")]`  
The reporting value for the current iteration of the repeated question.

## Compatible Questions

- Radio Buttons
- Checkboxes
- Dropdown Menu
- Rating (Likert Scale)

## Piping into Rows and Columns of a Table

If the target question is a table, you can **Pipe Into Rows** of the table (this is considered question piping as the rows of the table are each a question). This is the most common use of piping in a table. You can also **Pipe Into Columns** of a table (this is option piping).



Radio Button Grid

Question Logic Validation Layout Piping / Repeat

Pipe Into Rows:

Q 3. Which desserts do you like?

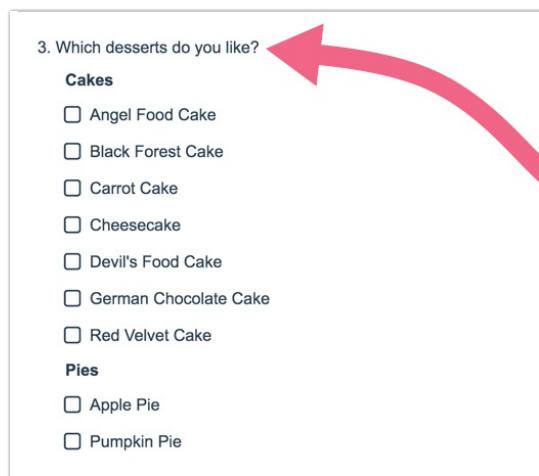
Pipe Selected Items  Pipe Unselected Items (Excludes N/A, Other - Write In, etc)

For more information on Question Piping (including Best Practices, FAQs, and Troubleshooting Tips) click [here](#).

## Repeat Pages Based on Unselected Items

Using page piping you can **repeat a page** using the unselected answer(s) from a previous question.

Again, in our example, we first ask the respondent to identify which desserts they like. This is our **source question**.



3. Which desserts do you like?

**Cakes**

Angel Food Cake

Black Forest Cake

Carrot Cake

Cheesecake

Devil's Food Cake

German Chocolate Cake

Red Velvet Cake

**Pies**

Apple Pie

Pumpkin Pie

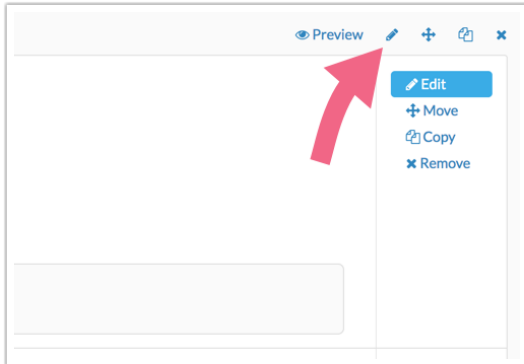
We now have a follow-up page with a series of questions pertaining to each the unselected items in the above source question. We want to ask each series of questions for each unselected item in

the source question. Page piping will allow us to do just that.

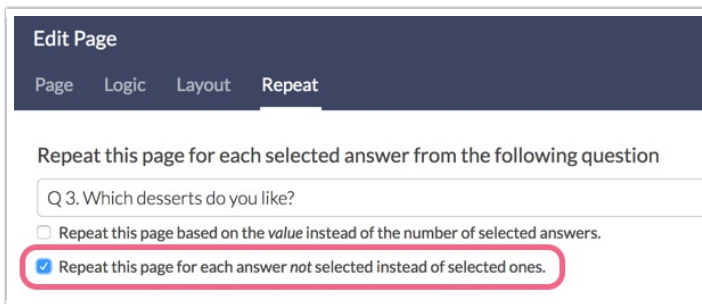
## Setup

Page piping can be set up by editing the target page using the pencil icon.

1. Edit the target page by clicking on the pencil icon in the upper right of the page.



2. On the Repeat tab, select the previous question you wish to pipe from and select the **Repeat this page for each answer not selected instead of selected ones** option.



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We now have our follow-up page repeating for each unselected item in our source question.

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**Crimson Pie**

10. When was the last time you ate **Crimson Pie**?

over a year ago

6 - 12 months ago

1 - 5 months ago

less than one month ago

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11. Would you consider eating **Crimson Pie** again?

Yes

No

To represent the particular answer in each iteration of the page, you can include the merge code `[page("piped title")]` in the page (question titles or descriptive text), which will be dynamically replaced with the answer title of the source question.

If you would prefer to use the answer's reporting value, use the reporting value `[page("piped value")]`. These merge codes are available for your reference on the Repeat tab of your page.

**Edit Page**

Page Logic Layout **Repeat**

Repeat this page for each selected answer from the following question

Q 3. Which desserts do you like?

Repeat this page based on the *value* instead of the number of selected answers.

Repeat this page for each answer *not* selected instead of selected ones.

**Merge Codes**

`[page("piped title")]`  
The answer title for the current iteration of the repeated page.

`[page("piped value")]`  
The reporting value for the current iteration of the repeated page.

## Compatibility

Piping unselected options is not compatible with either answer option logic or answer option limits.

### Compatible Questions

The source question can be one of the following question types:

- Radio Buttons
- Checkboxes
- Dropdown Menu
- Rating (Likert Scale)
- Textbox

- [Hidden Value Action](#)

For more information (including Best Practices, FAQs, and Troubleshooting Tips) check out our [Page Piping Tutorial](#).

Related Articles

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