

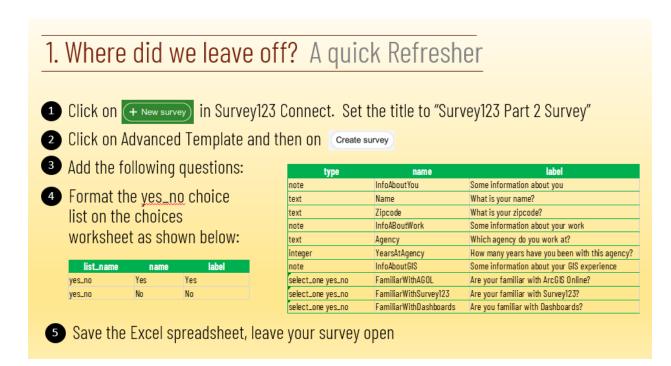
Survey123 Part 2

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AGENDA

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Hint: check the Copy and Paste Snippets.xlsx spreadsheet to copy and paste those questions into your spreadsheet

2. File Attachments

① One the Excel spreadsheet for your survey add the following question:

 type
 name
 label

 12
 file
 Resume
 Please attach your resume

2 Save your spreadsheet and try out the new question

3. Repeats. And should you?

1 Modify your Excel spreadsheet to include the repeat

2 Save your spreadsheet and look how the question works inside the Survey123 Connect app

4	A	В	c
1	type	name	label
2	note	InfoAboutYou	Some information about you
3	text	Name	What is your name?
4	text	Zipcode	What is your zipcode?
5	note	InfoABoutWork	Some information about your work
6			
7	begin repeat	RepeatWorkedAt	Please list all the agencies you have worked at
8	text	Agency	Which agency have your worked at?
9	integer	YearsAtAgency	How many years have you been with this agency?
10	end repeat		
11			
12	note	InfoAboutGIS	Some information about your GIS experience
13	select_one yes_no	Familiar With AGOL	Are your familiar with ArcGIS Online?
14	select_one yes_no	FamiliarWithSurvey123	Are your familiar with Survey123?
15	select_one yes_no	FamiliarWithDashboards	Are you familiar with Dashboards?
16	file	Resume	Please attach your resume

4. Useful functions

In the first example we will use **string-length** function to only show the next question when a text field is populated

string-length(\${})>0

1 In cell M4 (for the <u>Zipcode</u> question) enter string-length(\${Name})>0

1	A	В	C	D	M
1	type	name	label	hint	relevant
2	note	InfoAboutYou	Some information about you		
3	text	Name	What is your name?		
4	text	Zipcode	What is your zipcode?		string-length(\${Name})>0

2 What behavior do you expect? Save the Excel spreadsheet and see if it works as expected

4. Useful functions

In the first example we will use if function to see how many GIS competencies someone has

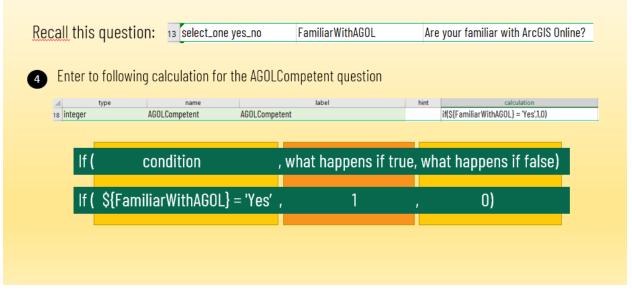
If (condition, what happens if true, what happens if false)

3 Add the following lines at the bottom of your spreadsheet:

	type	name	label
18	integer	AGOLCompetent	AGOLCompetent
19	integer	Survey123Competent	Survey123Competent
20	integer	DashboardCompetent	DashboardCompetent
21	integer	GISCompentencies	Number of GIS Competencies

Hint: check the Copy and Paste Snippets.xlsx spreadsheet to copy and paste those questions into your spreadsheet

4. Useful functions



4. Useful functions

5 Also enter the calculations for the other two competencies (hint: copy and paste the calculation you just entered, and then replace the name in the \${}) and the addition to add up all the competencies

18 integer	AGOLCompetent	AGOLCompetent	if(\${FamiliarWithAGOL} = 'Yes',1,0)
19 integer	Survey123Competent	Survey123Competent	if(\${FamiliarWithSurvey123} = 'Yes',1,0)
20 integer	DashboardCompetent	DashboardCompetent	if(\${FamiliarWithDashboards} = 'Yes',1,0)
21 integer	GISCompentencies	Number of GIS Competencies	\${AGOLCompetent} + \${Survey123Competent} + \${DashboardCompetent}

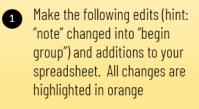
6 Save your spreadsheet and then test out your survey in Survey123 Connect. Does it accurately add up all the competencies?

Hint: check the Copy and Paste Snippets.xlsx spreadsheet to copy and paste those questions into your spreadsheet

5. Groups, Pages and Grids

To make surveys easier to "digest" for survey takers we can divide the survey into different **groups** or **pages**.

Groups are controlled by the "begin group" and "end group" data types.



Save your excel spreadsheet and observe the effect on your survey

2	begin group	InfoAboutYou	Some information about you
3	text	Name	What is your name?
4	text	Zipcode	What is your zipcode?
5	note	InfoABoutWork	Some information about your work
6	end group		
7			
8	begin repeat	RepeatWorkedAt	Please list all the agencies you have worked at
9	text	Agency	Which agency have your worked at?
10	integer	YearsAtAgency	How many years have you been with this agency?
11	end repeat		
12			
13	begin group	InfoAboutGIS	Some information about your GIS experience
14	select_one yes_no	FamiliarWithAGOL	Are your familiar with ArcGIS Online?
15	select_one yes_no	FamiliarWithSurvey123	Are your familiar with Survey123?
16	select_one yes_no	FamiliarWithDashboards	Are you familiar with Dashboards?
17	file	Resume	Please attach your resume
18	end group		

5. Groups, Pages and Grids



Set the appearance for the begin group line: to "minimal compact". Save the spreadshee and compare the changes.

4	A	В	c	D	• E
1	type	name	label	hint	appearance
2	begin group	InfoAboutYou	Some information about you		minimal compact
3	text	Name	What is your name?		
4	text	Zipcode	What is your zipcode?		
5	note	InfoABoutWork	Some information about your work		
;	end group				
,					
;	begin repeat	RepeatWorkedAt	Please list all the agencies you have worked at		
,	text	Agency	Which agency have your worked at?		
0	integer	YearsAtAgency	How many years have you been with this agency?		
1	end repeat				
2					
3	begin group	InfoAboutGIS	Some information about your GIS experience		minimal compact
4	select_one yes_no	FamiliarWithAGOL	Are your familiar with ArcGIS Online?		
5	select_one yes_no	FamiliarWithSurvey123	Are your familiar with Survey123?		
6	select_one yes_no	FamiliarWithDashboards	Are you familiar with Dashboards?		
7	file	Resume	Please attach your resume		
8	end group				

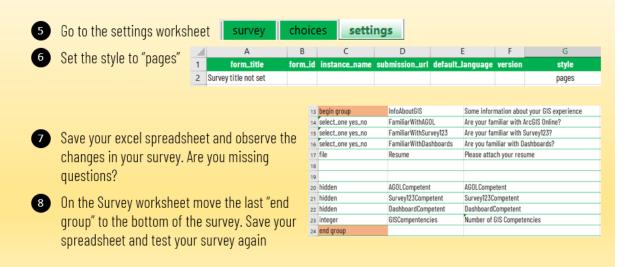
5. Groups, Pages and Grids: Pages

Pages are also controlled by the "begin group" and "end group" data types.

A	A	B	c	D	E
1	type	name	label	hint	appearance
2	begin group	InfoAboutYou	Some information about you		field-list
3	text	Name	What is your name?		
4	text	Zipcode	What is your zipcode?		
5	note	InfoABoutWork	Some information about your work		
6	end group				
7					
8	begin repeat	RepeatWorkedAt	Please list all the agencies you have worked at		
9	text	Agency	Which agency have your worked at?		
10	integer	YearsAtAgency	How many years have you been with this agency?		
11	end repeat				
12					
13	begin group	InfoAboutGIS	Some information about your GIS experience		field-list
14	select_one yes_no	FamiliarWithAGOL	Are your familiar with ArcGIS Online?		
15	select_one yes_no	FamiliarWithSurvey123	Are your familiar with Survey123?		
16	select_one yes_no	FamiliarWithDashboards	Are you familiar with Dashboards?		
17	file	Resume	Please attach your resume		
18	end group				

4 Change the appearance to "field-list"

5. Groups, Pages and Grids: Pages



5. Groups, Pages and Grids: Grids

	"theme	·	A B form_title form_id instat Survey title not set	C nce_na	me	D submission_url	default	E Llangu	age	F version	G style theme-		
ai	A	В	c	D		E							
Ĩ	type	name	label	hint		appearance							
	begin group	InfoAboutYou	Some information about you		w2		•	10	Cł	าลทด	e the ani	nearar	nce for the
	text	Name	What is your name?										
	text	Zipcode	What is your zipcode?						be	ain c	iroup typ	ie to w	2 (for two
5	note	InfoABoutWork	Some information about your work										
	end group								CO	lumn	is) and w	3 (for i	three
7												بالمناط	
8	begin repeat	RepeatWorkedAt	Please list all the agencies you have worked at						CO	lumn	ıs) respe	clively	
•	text	Agency	Which agency have your worked at?										
0	integer	YearsAtAgency	How many years have you been with this agency?										
1	end repeat												
2													
3	begin group	InfoAboutGIS	Some information about your GIS experience		w3								
4	select_one yes_no	FamiliarWithAGOL	Are your familiar with ArcGIS Online?										
5	select_one yes_no	FamiliarWithSurvey123	Are your familiar with Survey123?										
16	select_one yes_no	FamiliarWithDashboards	Are you familiar with Dashboards?										
1	file	Resume	Please attach your resume										

Grids: XLSForm Basics

To arrange questions in a grid layout, you first need to set the *style* of your survey to *theme-grid*. This is done in the *settings* sheet of your XLSForm.

form_title	form_id	instance_name	submission_url	style
My Survey				theme-grid

Once the *theme-grid* is set, all groups within your survey will contain questions using a four-column grid layout. You can change the number of columns in a grid by simply adding the w (as in width) property to the appearance column of your group. For example, w2 means two columns, w8 means eight columns.

name	type	label	appearance
text	hh_id	Household ID	
begin group	hh_group	Household Information	w2
geopoint	hh_loc	GPS Location	
hidden	hh_addr	Address	
text	hh_city	City	
text	hh_zip	ZIP Code	
end group			

Unless specified otherwise, questions within a group will always take one column of the grid. In the example above, the GPS Location and Address will be placed side by side in one row, and the City and ZIP Code will complete a second row.

Using the *w* property for the individual questions within the group, you can choose how many columns you want each question to take. In the example below, I gave two columns (one full row, since the grid has two columns) to the GPS Location question, and another full row (two columns) to the address. I then arranged the City and ZIP Code questions side by side giving them a w1 appearance.

name	type	label	appearance
text	hh_id	Household ID	
begin group	hh_group	Household Information	field-list w2
geopoint	hh_loc	GPS Location	w2
hidden	hh_addr	Address	w2
text	hh_city	City	w1
text	hh_zip	ZIP Code	w1
end group			

6. HTML Cod	le			
1 You can change	the color and fon	t of your survey. Try the following:		• : start bold font
A	В	c		 : end bold font
1 type	name	label		 <i>>: start italics</i>
2 begin group	InfoAboutYou	<i>Some information about you</i>		
2 Try the followin	g: B name	C label		: start changing font. Set the color
2 begin group	InfoAboutYou	Some information about you		<pre>property to the color green : end changing the font</pre>
<u>http</u>	is://www.w3scho	ols.com/colors/colors_names.asp		
3 Try the followin	Ig			<body bgcolor="ivory">: start changing the body, set background</body>
В		с		color to ivory
name		label /> Some information about you <td>•</td> <td>: end changing the body</td>	•	: end changing the body
InfoAboutYou				

Resources to learn more about HTML Code:

- 1. Reference worksheet in your survey spreadsheet
- 2. Colors: <u>https://www.w3schools.com/colors/colors_names.asp</u>
- 3. Font Properties: <u>https://www.tutorialspoint.com/html/html_fonts.htm</u>

7. PullData Tables

- 1 Click on (+ New survey) in Survey123 Connect. Set the title to "Boise Primary Care Doctors"
- 2 Click on Advanced Template and then on Create survey
- 3 Add the following questions:

type	name	label
select_one Name	DoctorsName	What is the physician's name?
integer	NPI	What is your NPI Number?
text	Address	What is your Address?
text	Gender	What is your Gender?
text	Accepting	Accepting or Not Accepting New Patients?
text	LanguageSpoken	What Language do you speak?

Hint: check the Copy and Paste Snippets.xlsx spreadsheet to copy and paste those questions into your spreadsheet

4 What happens when you try to save? Click the square to close the error message.



5 Open the Providers.csv in MS Excel.

Note the list of names - those are the ones 6 that people should pick from in the first question. Use Copy and Paste to create the list on the Choices Worksheet

Save the Excel spreadsheet with the questions 🕖 again.

٢ Error converting XLSForm

[row : 2] List name not in choices sheet: Name

1	A	В	с
1	list_name	name	label
2			
3	Name	Allyson Reynolds	Allyson Reynolds
4	Name	Amos Haley	Amos Haley
5	Name	Anna Martsenyuk	Anna Martsenyuk
6	Name	Anna Teresa Gabiola Shelton	Anna Teresa Gabiola Shelton
7	Name	Anthony Jordan	Anthony Jordan
8	Name	April Dillion-Bialobrzeski	April Dillion-Bialobrzeski
9	Name	Becky Kroll	Becky Kroll
10	Name	Bradley Wrobel	Bradley Wrobel
11	Name	Brady Hamilton	Brady Hamilton

7. PullData Tables

							label	hint		pearance
						What is th	ne physician's name?		autocomple	te
	Since	the list of	names in	the Surv	ev is ratl	her		Survey title not	set	1
							What is the physician's	name?		
		and awkwa								~
	on the	e "survey" v	worksheet	to Autor	omnlete		What is your NPI Numb	per?		
	on th		ormonicet	to Autoo	ompiete	/				
			Note that onc	e a survev-t	aker		What is your Address?			
			enters their na				Joint autour			
							What is your Gender?			
		F	populate all the	e other ques	stions					
			with info fr	om this tabl	le		Accepting or Not Accept	ting New Patients?		
				_						
							What Language do you	i sneak?		
							What Language do you	ı speak?		
id	er.csv:						What Language do you	ı speak?		
id	A		c		E		6		н	1
id		s Name	C Description	D Accepting	E Gender	r Language	What Language do you G USPSAddre		н Lat	Long
id 1	A				E Gender Female		6	5		, Long -116.1944022
id 1 2 3	A	Name	Description	Accepting		Language	G USPSAddre	s 13712	Lat	
id 1 2 3	A NPI 1033154828	Name Noreen Womack	Description Primary Care	Accepting accepting	Female	Language English	g USPSAddre 100 E Idaho St, Boise, Idaho, 6	s 13712 e, Idaho, 83712	Lat 43.6122501	-116.1944022
id 1 2 3 4 5	A NPI 1033154828 1285940965	Name Noreen Womack Jeri Spencer	Description Primary Care Primary Care	Accepting accepting accepting	Female Female	Language English English	USPSAddre 100 E Idaho St, Boise, Idaho, 8 100 E Warm Springs Ave, Bois	s 13712 e, Idaho, 83712 , 83712	Lat 43.6122501 43.61149797	-116.1944022 -116.195194

In order to use the table, we need to store the table with the survey. Click on Files in the Survey123 Connect application.



media

Soise Primary Care Doctors WGR.info

Boise Primary Care Doctors WGR.info

Boise Primary Care Doctors WGR.png

Soise Primary Care Doctors WGR.xula

Boise Primary Care Doctors WGR.xul

forminfo.json

All files associated with a survey are stored in the media folder.

10 Copy the provider.csv table into this media folder

7. PullData Tables

11 In cell J3 type pulldata('Providers','NPI','Name',\${DoctorsName})

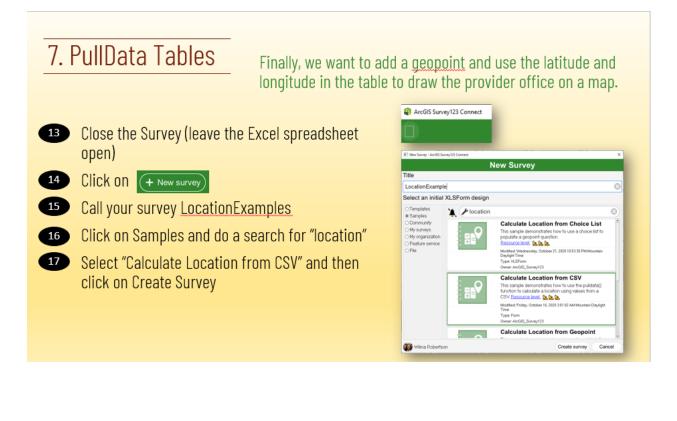
	A	В	С	D	J
1	type	name	label	hint	calculation
2	select_one Name	DoctorsName	What is the physician's name?		
3	integer	NPINumber	What is your NPI Number?		pulldata('Providers','NPI','Name',\${DoctorsName})
4	text	Address	What is your Address?		
5	text	Gender	What is your Gender?		
6	text	Accepting	Accepting or Not Accepting New Patients?		
7	text	LanguageSpoken	What Language do you speak?		

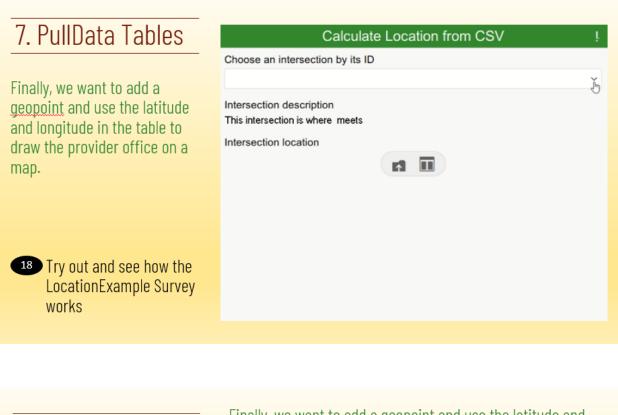
11 In cells J4-J7 type the pulldata functions we just constructed:

	A	В	С	D	J
1	type	name	label	hint	calculation
2	select_one Name	DoctorsName	What is the physician's name?		
3	integer	NPINumber	What is your NPI Number?		pulldata('Providers','NPI','Name',\${DoctorsName})
4	text	Address	What is your Address?		pulldata('Providers','USPSAddres','Name',\${DoctorsName})
5	text	Gender	What is your Gender?		pulldata('Providers','Gender','Name',\${DoctorsName})
6	text	Accepting	Accepting or Not Accepting New Patients?		pulldata('Providers','Accepting','Name',\${DoctorsName})
7	text	LanguageSpoken	What Language do you speak?		pulldata('Providers','Language','Name',\${DoctorsName}}

12 Save your Excel file and test out the behavior of your survey. Does it pre-fill with information once you select a name?

Hint: check the Copy and Paste Snippets.xlsx spreadsheet to copy and paste those questions into your spreadsheet





Finally, we want to add a geopoint and use the latitude and longitude in the table to draw the provider office on a map.

19 Open the spreadsheet for your new LocationExample survey to see how finding

		riable (mailbox) is		grab the latitu	function is used to Ide and longitude I a table	2. This example uses intersections. We will again use the Provider's Name
		ated called	С	D		
1	"locatio	oncalculation"	label	hint		calc ion
2	select_one intersections	inters	Choose an intersection by its ID			
3	calculate	lat 🖉			pulldata('Intersections', 'Lat',	, 'IntersectionID', \${intersection_id})
4	calculate	lon			pulldata('Intersections', 'Lon	g', 'IntersectionID', \${intersection_id})
5	calculate	locationcalculation			concat(number(\${lat}),``, nur	nber(\${lon}))
6	calculate	street1calculation			pulldata('Intersections', 'Stre	etT, 'IntersS{intersection_id})
7	calculate	street2calculation			pulldata('Intersections', 'Stre	4. Lat and long are
8	note	intersection_desc	Intersection description		concat('This intersection is w	vher
9	geopoint	location	Intersection location		\${locationcalculation}	concatenated in a specific
	5. Finally the ge	eopoint!		6. "Feed in" the formatted Lat/long		way Survey123 understands

Finally, we want to add a geopoint and use the latitude and longitude in the table to draw the provider office on a map.

20 Copy the 4 highlighted rows from the spreadsheet for the "LocationExample" survey into the Boise Primary Care Doctors survey. Paste the rows below the rows you already have

	А	В	С	D	J
1	type	name	label	hint	calculation
2	select_one intersections	intersection_id	Choose an intersection by its ID		
3	calculate	lat			pulldata('Intersections', 'Lat', 'IntersectionID', \${intersection_id})
4	calculate	lon			pulldata('Intersections', 'Long', 'IntersectionID', \${intersection_id})
5	calculate	locationcalculation			concat(number(\${lat}),*, number(\${lon}))
6	calculate	street1calculation			pulldata('Intersections', 'Streeti', 'IntersectionID', \${intersection_id}}
7	calculate	street2calculation			pulldata('Intersections', 'Street2', 'IntersectionID', \${intersection_id})
8	note	intersection_desc	Intersection description		concat('This intersection is where ',\${street1calculation},' meets ',\${s
9	geopoint	location	Intersection location		\${locationcalculation}

8. PullData Tables

Finally, we want to add a geopoint and use the latitude and longitude in the table to draw the provider office on a map.

21 Close the Location Example survey and reopen the Boise Primary Care Doctor's Survey. Fix up the pulldata functions (hint, copy the pulldata function from an earlier questions and then edit the "Lat" and "Long"). The new rows should look as follows:

calculate	lat		pulldata('Providers','Lat','Name',\${DoctorsName})
calculate	lon		pulldata('Providers','Long','Name',\${DoctorsName})
calculate	locationcalculation		concat(number(\${lat}),' ', number(\${lon}))
geopoint	location	Location	\${locationcalculation}

22 Save your survey, and test out the new functionality: does the location show up once you select a provider?

Finally, we want to add a geopoint and use the latitude and longitude in the table to draw the provider office on a map.

20 Copy the 4 highlighted rows from the spreadsheet for the "LocationExample" survey into the Boise Primary Care Doctors survey. Paste the rows below the rows you already have

	А	В	С	D	J
1	type	name	label	hint	calculation
2	select_one intersections	intersection_id	Choose an intersection by its ID		
3	calculate	lat			pulldata('Intersections', 'Lat', 'IntersectionID', \${intersection_id})
4	calculate	lon			pulldata('Intersections', 'Long', 'IntersectionID', \${intersection_id})
5	calculate	locationcalculation			concat(number(\${lat}),**, number(\${lon}))
6	calculate	street1calculation			pulldata('Intersections', 'StreetT, 'IntersectionID', \${intersection_id})
7	calculate	street2calculation			pulldata('Intersections', 'Street2', 'IntersectionID', \${intersection_id}}
8	note	intersection_desc	Intersection description		concat('This intersection is where ',\${street1calculation},' meets ',\${s
9	geopoint	location	Intersection location		\${locationcalculation}

7. PullData Tables		Survey title not set !
)	What is the physician's name?
		What is your NPI Number?
21 Test out your survey in	n Survey123 Connect.	What is your Address?
22 Click on the Detailed	eview map zoom level map to zoom level 16	What is your Gender?
23 Publish your Survey		Accepting or Not Accepting New Patients?
	WS Publish	What Language do you speak?
		Location

Watch out for Comma's!



Noticing unexpected behavior with your pulldata table? The culprit is most likely a comma

2 1033033102 Allyson Reynolds Primary Care accepting Female English 305 E Jefferson St, Boise, I 3 1154733244 Amos Haley Primary Care accepting Male Spanish 6165 W Emerald St, Boise, I	imary Care accepting Female English 305 E Jefferson St, Bolse, Idaho, 83712
3 1154733244 Amos Haley Primary Care accepting Male Spanish 6165 W Emerald St, Boise, I	
1053719181 Anna Marteenvik Primary Care acception Female English 8950 W Emerald St Roice	imary Care accepting Male Spanish 6165 W Emerald St, Boise, Idaho, 83704
4 Tobariator Allia Fartaeliyan Frinaly care accepting Feinale English 6550 H Enletad St. bolse,	imary Care accepting Female English 8950 W Emerald St. Boise, Idaho, 83704

8. Create a Launch Map



spreadsheet. Give your new feature layer a title

and tags as shown on the right

Add an item from your computer

File:

Choose File Providers.csv

Title:

Primary Care Providers in Boise Idaho

Categories:
+ Assign Category ~

Tags:

Primary Care × Boise × Temp ×

Add tags

to replace all commas with spaces

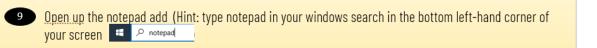
8. Create a Launch Map Add an item from your computer \times A Finish up dialog box as shown on the right. Note Tags: that by default ArcGIS Online picked to locate $\operatorname{Primary}\operatorname{Care}\times\operatorname{Boise}\times\operatorname{Temp}\times$ features by coordinates, and then matched the Lat and Long fields with the Latitude and Longitude Publish this file as a hosted layer. Locate features by: Location fields. Coordinates Addresses or Places None, add as table 5 Click Add Item Review the field types and location fields. Click on a cell to change it. Field Name Field Type Location Fields Open in Map Viewer 6 Click USPSAddres String Not used Lat Double Latitude Symbolize by single location. Pick a symbol you Double Longitude Long like: Location (Single s Time Zone: (UTC) Coordinated Universal Time 🔻 🕐 Cancel • • - - + - + - + 8. Create a Launch Map Ders Riel - Bloom | B Annes San Familie - Anne Anne 8 Save your map 🗟 Save 🚽 Save Map Title: Primary Care Providers in Boise Web Map Categories: + Assign Category ~ Tags: Primary Care × Boise × Temp × Add tags Description of the map Summary: Save in folder: wrobertson its Next, we want to configure the pop-ups so that they have a link that CANCEL Fires up Survey123 Ryan Atwood Start Survey Passes along the name of Zoom to Get Direction the Doctor

	Field Na	ames in ArcGIS Online:	
8. Create a Launch Map	Con	figure Attributes	
	Check	the fields you want to display.	Select a field to change its alias
Field Names in the Survey:	🗌 Disp	lay Field Name	Field Alias
type name	label	{NPI}	NPI
	ysician's name?	{Name}	Name
	2	{Description}	Description
	specific ID Arc	Pass those values GIS Online} into Su L Id:DoctorsName={	urvey123
https://survey123.arcgis.com/share/d012f55	b8b014d4090821eed1020c25 unique id for your survey	7 <mark>?</mark> field:DoctorsNar / After the ? You parame	u pass your

Info for the slide below:

arcgis-survey123://?itemID=d012f55b8b014d4090821eed1020c257&field:DoctorsName={Name} https://survey123.arcgis.com/share/d012f55b8b014d4090821eed1020c257?field:DoctorsName={Name}

8. Create a Launch Map



10 Copy and past the following the following two lines from the instructions for this class into notepad:

arcgis-survey123://?itemID=d012f55b8b014d4090821eed1020c257&field:DoctorsName={Name} https://survey123.arcgis.com/share/d012f55b8b014d4090821eed1020c257?field:DoctorsName={Name}

1 Format your notepad app so that each URL appears on one line:

 Initide - Notepad

 File
 Edit. Format
 View

 Help
 arcgis-survey123://?itemID=d012f55b8b014d4090821eed1020c257&field:DoctorsName={Name}

 https://survey123.arcgis.com/share/d012f55b8b014d4090821eed1020c257&field:DoctorsName={Name}

 Ln3.Col1
 100%

 \times



Ln 3, Col 1

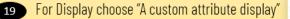
8. Create a Launch Map

16 Leave your notepad app open, and go back to your web map showing the location of primary care givers in Boise

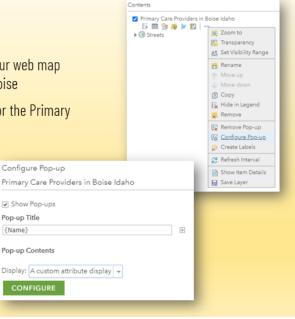


17 Click on ... and then click on Configure Pop-up for the Primary Care Providers in Boise Idaho layer

18 Set the Pop-up Title to {Name}



Click on Configure 20



100% Windows (CRLF)

UTF-8

8. Create a Launch Map	Custom Attribute Display Link Button Use the area below to define, format, and lay out the investion you want to display.
21 Type in the two lines as shown on the right	B I U ▲ ■ = = = = #
22 In notepad highlight the first line, right-click and choose "Copy"	OK CANCEL
"Untitled - Notepad File Edit Format View Help ancgis-survev123://2itemTD=d07 http: Undo Cut Copy Paste	- X 12f55b8b014d4090821eed1020c257&field:DoctorsName={Name} 2f55b8b014d4090821eed1020c257?field:DoctorsName={Name} Ln 1, Col 1 100% Windows (CRLF) UTF-8

8. Create a Launch Map

Click Update

24

25 26

27

28

Paste the URL you just copied from Notepad into the URL box in ArcGIS Online	Custom Attribute Display Use the area below to define, format, and lay out the i B I 및 스 ~ 國 ~ 토 폰 크 트 뷰 분 야도 앤 D Font Size [-small Take Survey in Survey 123 Application	,		1 Do to	N Man St
Click Update	Take Survey in Web Browser	Text Take Survey	in Survey123 A	pplication	
In Notepad select and copy the second URL		URL	Emoji Undo	Win+Period Ctrl+Z	
Highlight "Take Survey in Web			Redo	Ctrl+Shift+Z	ncel
Browser in ArcGIS Online, click			Cut Copy	Ctrl+X Ctrl+C	
the link button and then paste	W Victory Rd		Paste	Ctrl+V	
the URL in the URL box					

9. Launch Surveys



Try out the pop-up. Do both links work?

2 Take about 5 Surveys

Folders E[‡] Q Boise × 😑 Survey-Boise Primary Care Doctors WGR 🔲 📄 Boise Primary Care Doctors WGR Boise Primary Care Doctors WGR 🙎 Boise Primary Care Doctors WGR

3

Click on

Next it would be nice to keep track of which doctor's have completed their survey, and which ones have not.

> ~ We will do this by adding the collected data to our original map

To protect our original survey data, we will create a view that cannot be edited. Search for a folder that contains the word Boise. Open that folder.

Click on the Boise Primary Care Doctors feature service

Create View Layer

9. Launch Surveys



Return to your Web Map. (Hint: click on Content along the top of the Screen and then find your web map)



8 Click Add > Search for Layers > My Content and add the Boise Primary Care Doctors View Layer you just created. Hint: you should see 5-6 points for the surveys you collected in step 2 on the previous slide

Create View Layer	>
Create a new view of this feature layer that references the sam independently set how it's shared with others, how it's drawn displayed (filtering) and whether it can be edited.	
Title:	
Boise Primary Care Doctors View Layer	
Tags:	
Boise X Primary Care X View Layer X Temp X	
Add tags	
Summary: (Optional)	
Enter a summary	
Categories:	
+ Assign Category V	
Save in folder:	
Survey-Boise Primary Care Doctors WGR	
	OK Cancel

9. Launch Surveys

Symbolize the points representing the completed surveys. And move this 9 layer underneath the "launch points". Now it is easy to see which surveys have been completed



10 Save your map, and keep it open for the next exercise



10. Put it all in an App



Click on ^{en Share} . Because this is just an exercise there is no need to share it with others.

Click on CREATE A WEB APP . If you just want to share a simple app that allows people to launch surveys from a web browser choose "Web App Builder", leave most of the defaults, Save the app and then launch it. For something different, please click on

ArcGIS Dashboards



Format the title and then click Done

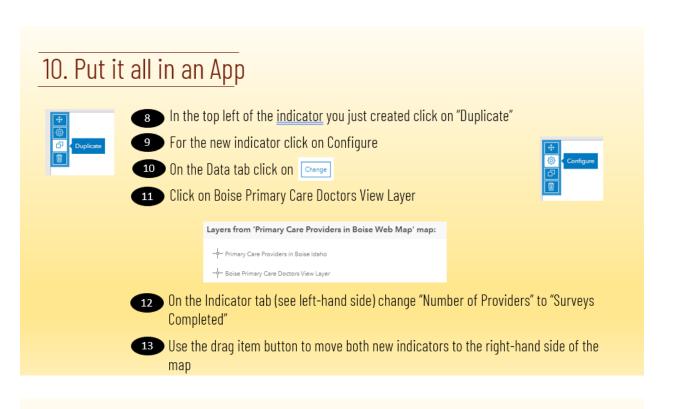
Create a New We	eb App	
Configurable Apps	Web AppBuilder	ArcGIS Dashboards
To create a new dashboard,	enter a title, tags, and sum	imary.
Title:	Primary Care Providers	in Boise Web Map Dashboard
Tags:	Primary Care × Boise Add tags	a X Temp X
Summary: (Optional)	Enter a summary	
Categories:	+ Assign Category 🗸	,
Save in folder:	wrobertson_its	

15 \$ P

OK CANCEL

10. Put it all in an App	+ - I I I I I I I I I I I I I I I I I I
 4 Click on + and then on 99! Indicator 5 Click on Primary Care Providers in Boise Idaho 	III Map Legend III Serial Chart. SPie Chart: 991 Indicator
Layers from 'Primary Care Providers in Boise Web Map' map: 	Sauge ≝ Liat ≝ Details #55 Rich Text
	Embedded Content

10). Put it a	ll in an /	lnn	_		Data	General Options		
	J. I UL IL A		hh			General	Name	Indicator (1)
Deta	Data Options						Title		🖉 Edit
Indicator			7A.	Note that the indicator			Description		🖉 Edit
General	Value			show how many records			Text Color		
	Layer: Primary Care Prov	viders in Boise Idaho	there	e are in this layer (Count)			Background Color		
	Filter	+ Filter					Last Update Text	0	
	Value Type	Statistic Feature					No Data		
	Statistic	Count	Data	e diastar Ontiana			Label		7C. Uncheck "Last
	Value Conversion	0	Indicator	dicator Options			Show Title		Update Text″
	Reference		General Top	Text	Field		Show Description		
	Reference Type	None	Nun	nber of Providers					
	70.0.1.1			die Text	Fields	: {}	□ A		
		icator Tab ty		ue}					
	in Numbe	er of Provide		om Text	Fields	e {}	□ A		7D. Click Done



10. Put it all in an App



14 Save your dashboard

15 Click on the + and then add a Gauge.

16 Click the Boise Primary Care Doctors View Layer



. Puli	t all in	an App		Genera Gauge General Name Comp	· · · ·
Data Options		Show data table		Title	
veral Value				Description	Ŀ
Layer: Boise Primary C	are Doctors View Layer	Change			
Fiter	+ Filter			Text Color	
Value Type	Statistic Feature	1/A. On the	Data tab click	Background Color	
Statistic	Count	Change ar	nd choose the		17D. On th
Value Conversion	0	,	are Providers	Last Update Text	General ta
Minimum Value		· · · · ·	Boise		unselect "L
Value Type	Fixed Value Statistic		Gauge Option	s	
Value	0		Gauge		Updated T
Maximum Value			Style		
Value Type	Fixed Value Statistic			17B. On the Gauge tab	
Layer: Primary Care Pr	oviders in Boise Idaho	Change	Shape	choose "As Percentage"	v
	+ Filter		Value	,	
Filter			10100		- 17E. C

10. Put it all in an App

17

18

Drag the Gauge in a place you like and save your dashboard.

Save your Dashboard. Can you still launch surveys? If so, take another survey. Does the dashboard update?





J.J. 1 Open <u>https://survey123.arcgis.com</u> and sign in Boise Primary Care Docto by wrobertson_its 2 Click on the Boise Primary Care Doctors icon to open the survey 3 Click on Analyze: Settings Overview Design Collaborate Analyze Data 4 The Analyze tab allows you to get an overview and stats for the submitted surveys. Click on 5 Data 6 Click on Open in Map Viewer

11. Downloading Survey Results



7 Click on any of the doctors on the map.

8 Click on Edit along the bottom of the Popup. Note that you this is where you can make edits to the collected data

> Click on **CLOSE** to save any edits you made, or click on DELETE to get rid of a particular survey response altogether

Click on the in the top-right corner of the map to close the map viewer

Eagle	Boise_Primary_Care_D	Ooctors_WGR: 4
	What is the physician's name?	Carl Ciplinski
idi an	What is your NPI Number?	1,003,397,076
K	What is your Address?	10583 W Lake Hazel Rd Boise Idaho 83709
	What is your Gender?	Male
2	Accepting or Not Accepting New Patients?	accepting
	What Language do you speak?	English
	lat Zoom to Edit Get D	43.54642101

11. Downloading Survey Results

10 Click on Export and note the options for exporting the collected survey information.



11 Click on Excel and note that the downloaded file appears at the bottom of your screen

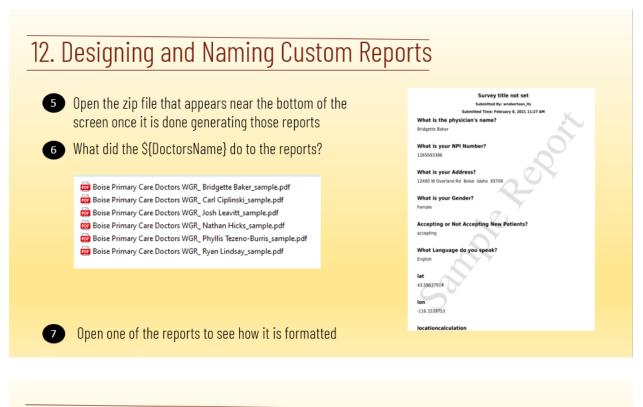
¹² Open the Excel file. Thinking back to your survey in Survey123 Connect, do the column headers match the Name or the Label field? Leave the website up for the next section.

type	name	label
select_one Name	DoctorsName	What is the physician's name?
integer	NPI	What is your NPI Number?
text	Address	What is your Address?
text	Gender	What is your Gender?
text	Accepting	Accepting or Not Accepting New Patients?
text	LanguageSpoken	What Language do you speak?

E	xport 🛩 Open in Map Viewer
	Selected records only
	CSV
	Excel
	KML
	Shapefile
	File Geodatabase
	Site







8 Click again on Report and then on Manage templates

9

Click on Download sample template. Choose the template for the individual record. Open the template in MS Word.

+ New template Quick reference		Download sample template 👻
Template name	Last modified	Download template
Boise Primary Care Doctors WG R_sampleTemplateIndividual	Feb 8, 2021	Ğ∕≣



Click Quick reference, and note some of the formatting options you have



Open Primary Care Provider Condensed Template.docx in the exercise data. Note the formatting. You can format this any way you like

General Informa	ation		
NPI Number:	\${NPINumber}	Gender:	S{Gender}
Address:	\${Address}	New Patients:	\${Accepting}
		Languages:	\${LanguageSpoken}
Location			

12. Designing and Naming Custom Reports

12 Save the Primary Care Provider Condensed template with any changes you just made. Close MS Word.



13 Back on the Survey123 website click on + New template



Browse to the MS Word file you just saved. Click on Save.

Manage Templates				
Select another file				
Check syntax 🕢 Save				



15 Browse to the MS Word file you just saved. Click on Save.

Click on preview sample report

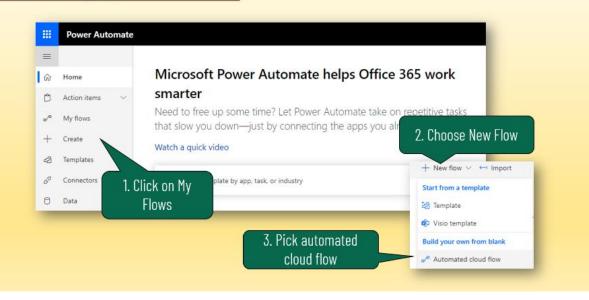
	nformation			Sec
NPI Number:	1144667817	Gender:	Male	
Address:	6000 W Denton St Boise Idaho 83704	New Patients:	accepting	
	0000 10010 00104	Languages:	English	
ocation		AS	R	
ocation			R	
ocation			R	
ocation			R	

1. Choose records to include	
Selected records only (1)	
 All records in the table (6) 	
2. Select a template	Manage templates
Primary Care Provider Condensed Template	e.docx 👻
3. Output settings	
File options 🐵	
Split	-
Report name 🕜 🔸	
Boise Primary Care Doctors WGR_ \$(Doctor	rsName}
Save to my ArcGIS account	
wrobertson_its's root folder	-
Format	
Microsoft Word (.docx)	
Show credits	Recalculation is needed.
Preview sample report @	

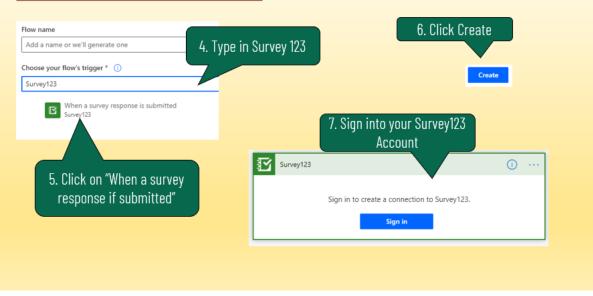
12. Designing and Naming Custom Reports

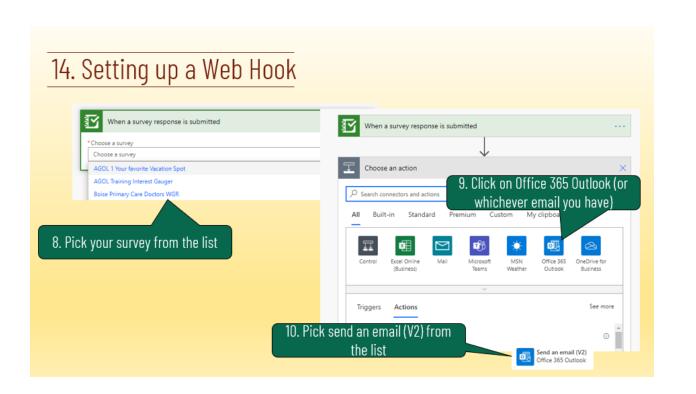
Primary Care Doctors in Boise	, Idaho						
elected record count: \$[Boise_Primary_Care_Doctors_W		unt,objectid"}					
otal record count: Boise_Primary_Care_Doctors_WGR where:"1=1 limportant	t" stats:"cour	t,objectid"}					
se limportant to apply the filter to all responses, rather than just the resp	ponses selected J	or this report.					
ecent 3 records:					Primary Ca	re Doctors in Boise, Idaho	
ou can reference any field from your survey in the table.			Selecte	d record count	: 6		
Dbject Id	Submitte d by	Submitted time	Total n	ecord count: 6			
\$(#Boise_Primary_Care_Doctors_WGR orderByFields:"obje :tid DESC" resultRecordCount:3)\$(objectid)	\$[Creator }	\${CreationDate}\${ /}		Use Important to apply the filter to all responses, rather than just the responses selected for this report. Recent 3 records:			
			You can n	eference any field from	n your survey in	the table.	
summary section can also be put at the end of the report.			Object	Submitted by	Submitted	1	
			Id		time		
	-	_	6	wrobertson_its	February 8, 2021 1:44 PM		
			5	wrobertson_its	February 8, 2021 11:28 AM		
			4	wrobertson_its			

14. Setting up a Web Hook



14. Setting up a Web Hook





14. Setting up a Web Hook

