



Mobile Data Collection Using KoBo Toolbox

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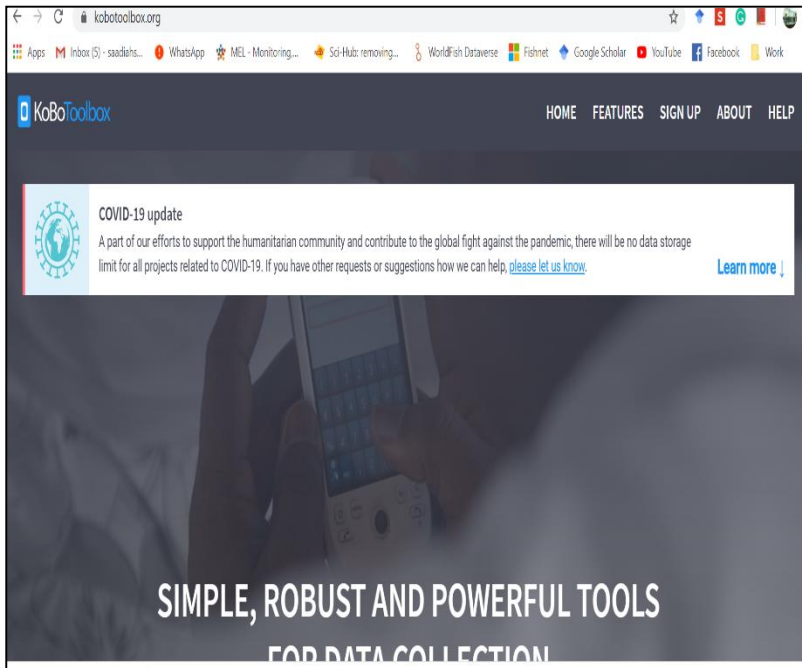


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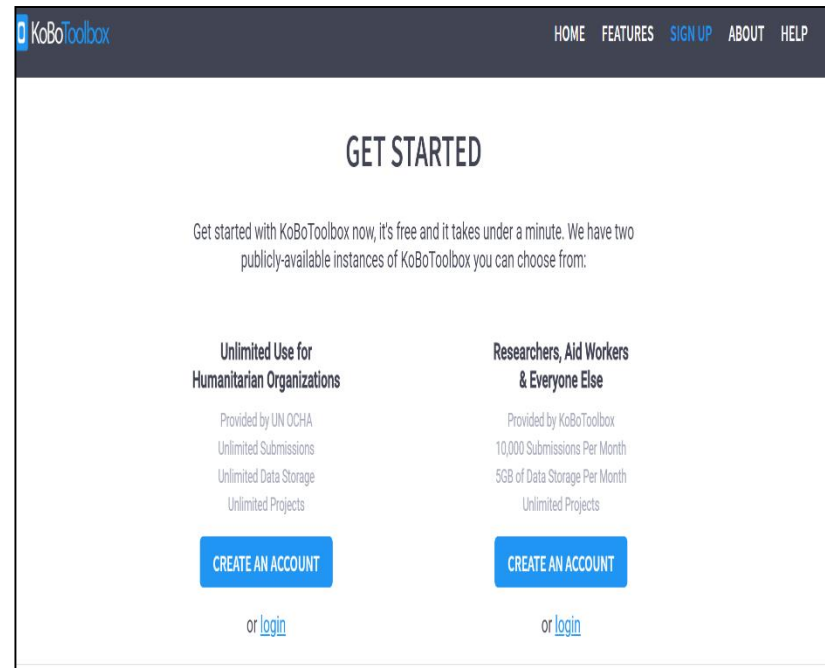
KoBo Toolbox Website

kobotoolbox.org



The screenshot shows the homepage of kobotoolbox.org. At the top, there is a navigation bar with the KoBoToolbox logo and links for HOME, FEATURES, SIGN UP, ABOUT, and HELP. Below the navigation bar, there is a prominent banner for a COVID-19 update. The banner includes a globe icon and text stating: "COVID-19 update. A part of our efforts to support the humanitarian community and contribute to the global fight against the pandemic, there will be no data storage limit for all projects related to COVID-19. If you have other requests or suggestions how we can help, please let us know. Learn more ↓". Below the banner, there is a large image of hands holding a smartphone. At the bottom of the image, the text "SIMPLE, ROBUST AND POWERFUL TOOLS FOR DATA COLLECTION" is visible.

Log in to account



The screenshot shows the "GET STARTED" page of the KoBoToolbox website. The page features a dark header with the KoBoToolbox logo and navigation links for HOME, FEATURES, SIGN UP, ABOUT, and HELP. The main content area is white and contains the following text: "GET STARTED", "Get started with KoBoToolbox now, it's free and it takes under a minute. We have two publicly-available instances of KoBoToolbox you can choose from:", and two columns of service details. The first column is for "Unlimited Use for Humanitarian Organizations", provided by UN OCHA, with benefits: Unlimited Submissions, Unlimited Data Storage, and Unlimited Projects. The second column is for "Researchers, Aid Workers & Everyone Else", provided by KoBoToolbox, with benefits: 10,000 Submissions Per Month, 5GB of Data Storage Per Month, and Unlimited Projects. Both columns have a blue "CREATE AN ACCOUNT" button and a link to "or login".

KoBo Toolbox Website

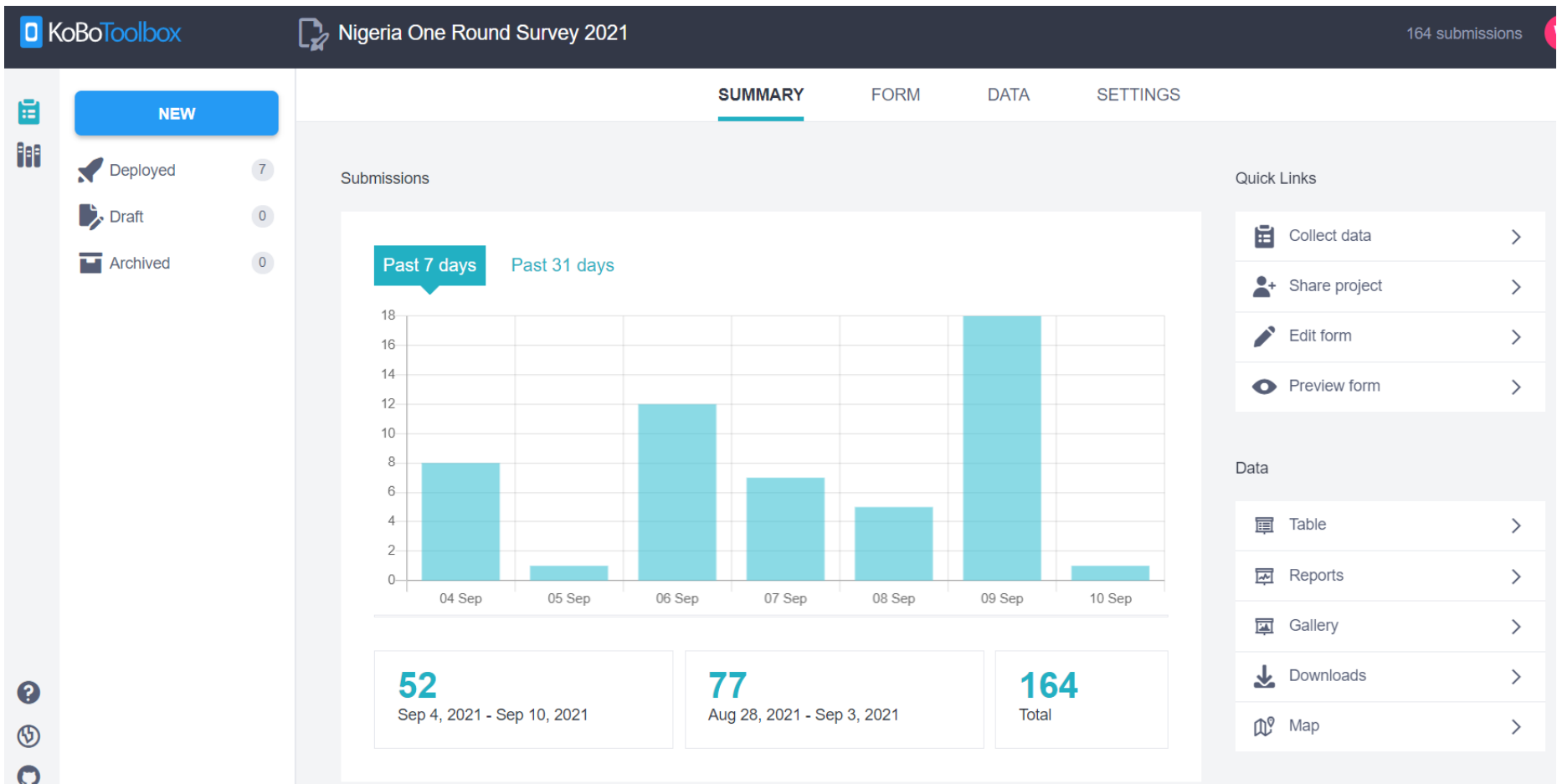
The screenshot displays the KoBo Toolbox website interface. At the top left is the KoBo Toolbox logo. A search bar labeled "Search Projects" is located at the top center. On the right side of the header, there is a red circular profile icon with the letter "W".

The main content area is divided into a left sidebar and a main table. The sidebar contains a "NEW" button and three filter options: "Deployed" (7 items), "Draft" (0 items), and "Archived" (0 items). At the bottom of the sidebar are icons for help, home, and user profile.

The main table is titled "Deployed" and lists various projects. The table has columns for Name, Shared by, Created, Last Modified, and Submissions. The project "COVID business survey in potato supply chains in Kenya_V3(1)" is highlighted in grey and includes action icons for edit, delete, share, and print.

Name	Shared by	Created	Last Modified	Submissions
AQUACULTURE CHARACTERIZATION STUDY IN NIGERIA V5		July 14, 2021	August 24, 2021	0
Nigeria One Round Survey 2021		August 19, 2021	August 19, 2021	164
Survey on Impact of COVID-19 on Small-scale Fish Farmers in Egypt 2021		August 18, 2021	August 18, 2021	0
COVID business survey in potato supply chains in Kenya_V3(1)		June 18, 2021	August 12, 2021	
Hatcheries' Questionnaire for the Evaluation of Dissemination Systems for Improved Tilapia Strains		July 29, 2021	July 29, 2021	0
COVID business survey in fish supply chains in Kenya_V3		June 18, 2021	July 26, 2021	526
2021 Impact of Covid 19 on AF Supply Chains_V4		May 31, 2021	July 7, 2021	581

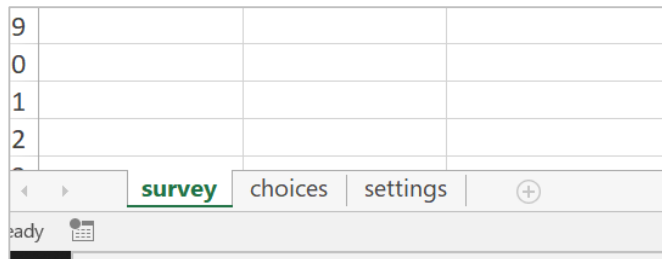
KoBo Toolbox Website



ODK Data Collection Form

ODK Data Collection Form

- Compulsory sheets (survey, choices, settings)



- Survey sheet

	A	B	C	D
1	type	name	label::English	hint::English
2	text	Name	Name of respondent	
3	note	Welcome	Hello \${Name}. This questionnaire is just a test. Feel free to answer it!	
4	integer	year_born	In what year you were born	(xxxx)
5	calculate	Age		
6	note	Age_2	The respondent age is \${Age} years old.	
7	select_one Gender	Gender	Gender of respondent	
8	select_multiple Education	Education	Qualification of respondent	Educational level
9	geopoint	location	Current location	GPS coordinate
10	image	selfie	Please take a selfie!	Tips: Use the best resolution you have
11	select_multiple information	information	How do you know about this program	
12	text	social_media	Which social media are you referring to: Facebook, Twitter or Instagram?	
13				

ODK Data Collection Form

- Choices and setting sheets

	A	B	C	D
1	list name	name	label::English	
2	Gender	1	Male	
3	Gender	2	Female	
4	Education	1	Primary	
5	Education	2	Secondary	
6	Education	3	Diploma	
7	Education	4	Undergraduate	
8	Education	5	Postgraduate	
9	information	1	Family	
10	information	2	Friend	
11	information	3	Social media	
12	information	4	Radio	
13	information	5	Television	
14	information	99	Other	
15				
16				

survey **choices** settings (+)

	A	B	C	D
1	form_title	form_id	instance_name	
2	Sample 01	build_Sample-01_1569812104	sample \${Name}	
3				
4				
5				
6				
7				

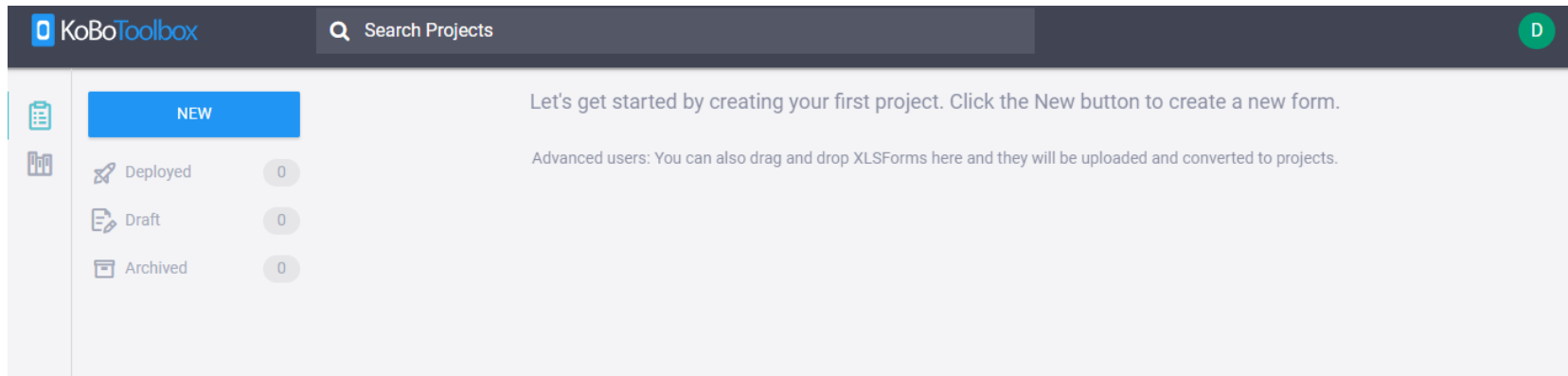
survey choices **settings** (+)

ODK Data Collection Form

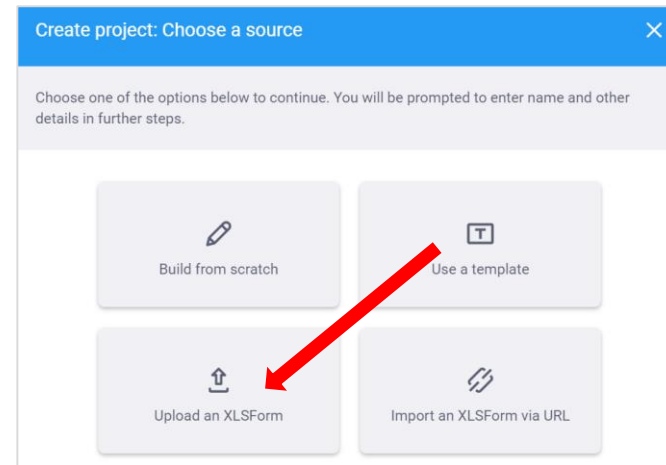
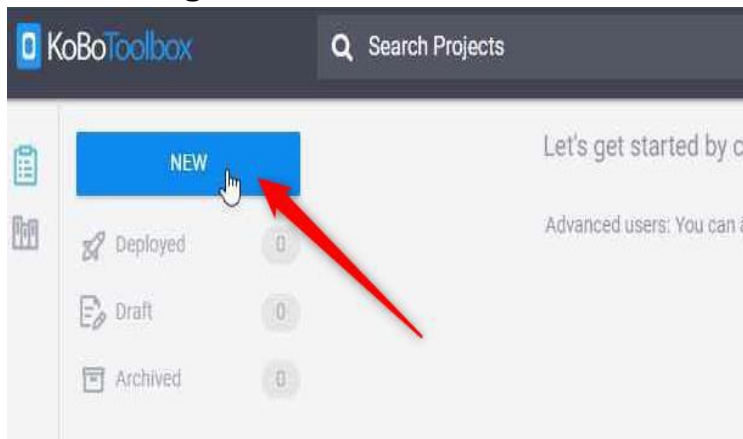
1	type	name	label::English	relevance	calculation
29	text	A08cother	Please specify other species that is the third most preferred	selected(\${A08c}, '99')	
30	select_multiple	tilapiaspecies	What species do you farm?		
31	text	A09other	Please specify other species you farm.	selected(\${A09}, '99')	
32	end group				
33	begin group	Section_2_farmed	Farmed Species	selected(\${consent}, 'yes')	
34	begin repeat	farmedspecies	Farmed species		
35	calculate	calcspecies1			selected-at (\${A09}, (position(..)-1))
					if (\${calcspecies1}=99, \${A09other}, jr:choice-name(selected-at(\${A09}, position(..)-1), '\${A09}'))
36	calculate	calcspecies2			
37	select_multiple	speciesreason	What are the main reasons why you farm \${calcspecies2}?		
38	text	A09aother	Other reason for farming \${calcspecies2}	selected(\${A09a}, '99')	
39	end repeat				
40	end group				

Upload the form

Kobo Home screen



Creating a new form



Upload the form

The screenshot shows a web form titled "Create project: Project details" with a close button (X) in the top right corner. The form contains the following fields and elements:

- Project Name:** A text input field containing "Test 1". A red arrow labeled "1" points to the top right corner of the form header.
- Description:** A text input field with the placeholder text "Enter short description here".
- Sector and Country:** Two dropdown menus. The "Sector" dropdown is set to "Security / Police / Peacekeeping" and the "Country" dropdown is set to "Sierra Leone". A red arrow labeled "2" points to the "Sector" dropdown, and a red arrow labeled "3" points to the "Country" dropdown.
- Help KoboToolbox:** A checkbox with the text "Help KoboToolbox improve this product by sharing the sector and country where this project will be deployed. All the information is submitted anonymously, and will not include the project name or description listed above.".
- Buttons:** A "BACK" button on the left and a "CREATE PROJECT" button on the right. A red arrow labeled "4" points to the "CREATE PROJECT" button.

Draft version



! If you want to make these changes public, you must deploy this form.

v1 (undeployed) Last Modified : Today at 3:45 PM - 20 questions

DEPLOY

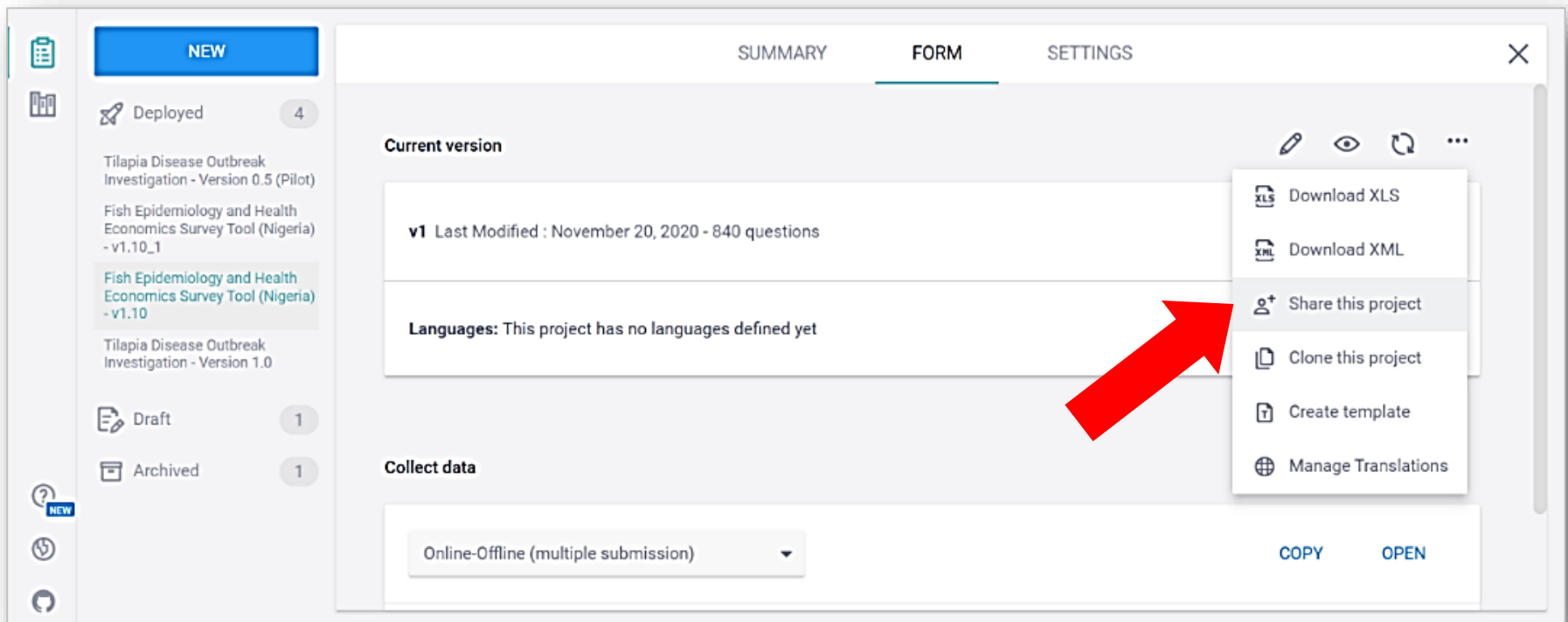
Languages: Unnamed language, English



Assigning Roles in KoBo Toolbox

Assigning Roles in KoBo Toolbox

Specify which form > 'Share this project'



The screenshot displays the KoBo Toolbox interface. On the left, a sidebar shows a list of projects under 'NEW', 'Draft', and 'Archived' categories. The main area is divided into three tabs: 'SUMMARY', 'FORM', and 'SETTINGS', with 'FORM' currently selected. The 'FORM' tab shows the 'Current version' section with a dropdown menu open. A red arrow points to the 'Share this project' option in the menu. Other options include 'Download XLS', 'Download XML', 'Clone this project', 'Create template', and 'Manage Translations'. Below the 'Current version' section, the 'Collect data' section is visible, showing a dropdown menu for data collection methods and 'COPY' and 'OPEN' buttons.

NEW

Deployed 4

Tilapia Disease Outbreak Investigation - Version 0.5 (Pilot)

Fish Epidemiology and Health Economics Survey Tool (Nigeria) - v1.10_1

Fish Epidemiology and Health Economics Survey Tool (Nigeria) - v1.10

Tilapia Disease Outbreak Investigation - Version 1.0

Draft 1

Archived 1

SUMMARY **FORM** SETTINGS

Current version

v1 Last Modified : November 20, 2020 - 840 questions

Languages: This project has no languages defined yet

Collect data

Online-Offline (multiple submission)

Download XLS

Download XML

Share this project

Clone this project

Create template

Manage Translations

COPY OPEN

Assigning Roles in KoBo Toolbox

'Add user' > type kobo username > choose access > 'Grant Permissions'

Sharing Permissions

Development of the Nile tilapia strategy

Who has access

W wf_zambia is owner

ADD USER

Share publicly by link

Anyone can view this form

Anyone can view submissions made to this form



Sharing Permissions

Fish Epidemiology and Health Economics Survey Tool (Nigeria) - v1.10

Who has access

T tdoi02 is owner

username

View form

Edit form

View submissions

View submissions only from specific users

Add submissions

Edit submissions

Delete submissions

Validate submissions

Manage project

GRANT PERMISSIONS

Share publicly by link

Assigning Roles in KoBo Toolbox- Edit form

SUMMARY **FORM** DATA SETTINGS

Current version

v3 Last Modified : Today at 6:19 PM - 840 questions

REDEPLOY

Languages: This project has no languages defined yet

Edit in Form Builder

Project
Fish Epidemiology and Health Economics Survey Tool (Nigeria) - v1.10

SAVE

Return to list

Add from Library Layout & Settings

A. Enumerator information

Please enter the name, email and mobile number of the enumerator conducting the survey
Question hint

abc * A01. Name
Question hint

abc * A02. Email
Question hint

abc * A03. Mobile number
If the respondent doesn't own a personal mobile phone, then at least collect a number by which we can contact him/her for any reason. If not possible, then leave blank.

Project
Fish Epidemiology and Health Economics Survey Tool (Nigeria) - v1.10

A. Enumerator information

Please enter the name, email and mobile number of the enumerator conducting the survey
Question hint

Settings

Question Options

Skip Logic

Validation Criteria

Data Column Name: note_enumerator

Guidance Hint:

Mandatory Response: Yes No Custom logic

















Default Response:

Appearance (Advanced):

Assigning Roles in KoBo Toolbox- Edit Submitted Data

SUMMARY FORM **DATA** SETTINGS

1 - 8 of 8 results

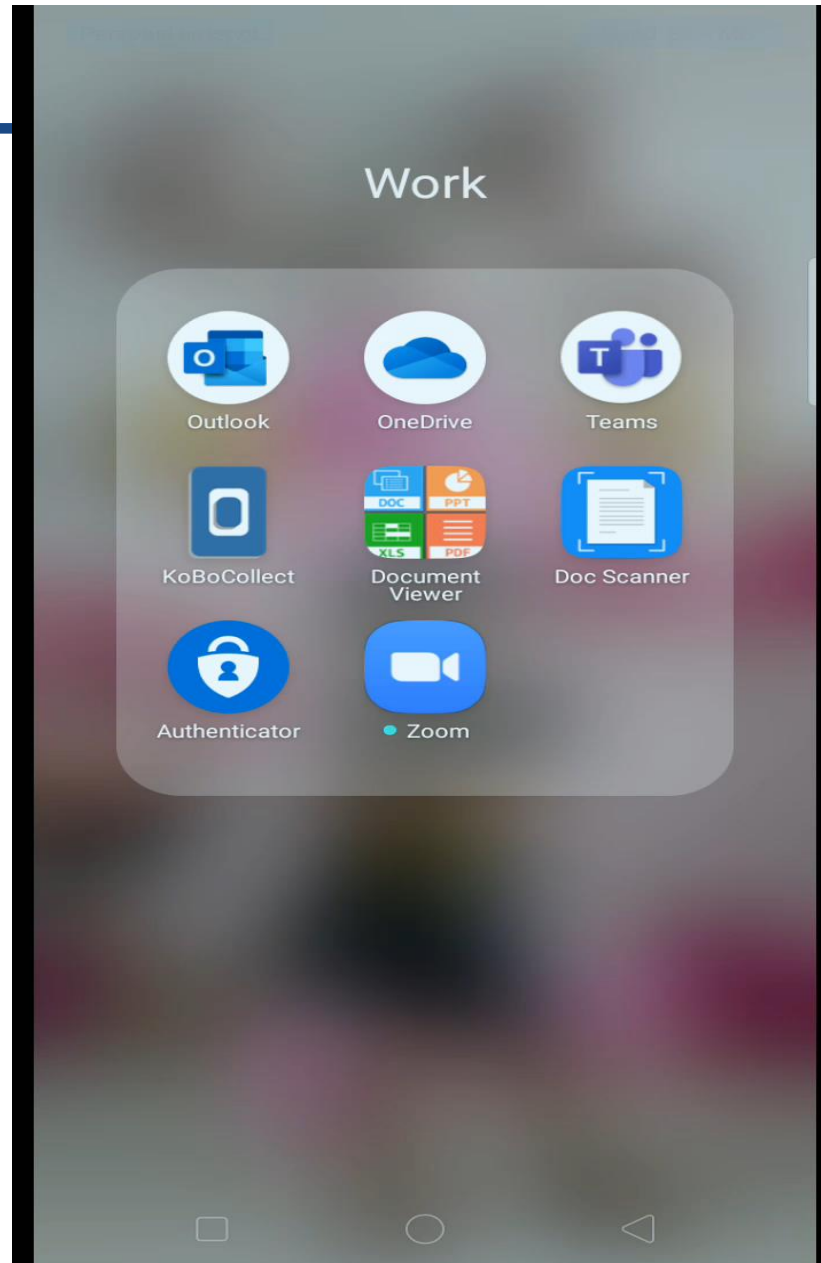
<input type="checkbox"/>	Validation status	start	end	imei	A. Enumerator...	A. Enumerator...	A. Enumerator...	B. Consent /
<input type="checkbox"/>	Show All							
<input type="checkbox"/>	  Edit	February 14, 2...	March 20, 202...	ee.kobotoolb...	Opemipo Alab...	ijoseope@yah...	+2348103949...	OK
<input type="checkbox"/>	 	March 9, 2021...	March 13, 202...	collect:2DMQ...	Alex	Alexmail	070	OK
<input type="checkbox"/>	 	February 9, 20...	March 10, 202...	collect:YSN1K...	Adedeji Marv...	adedeji.marve...	08068008956	OK
<input type="checkbox"/>	 	March 7, 2021...	March 8, 2021...	collect:VeSM...	Faroyin, Omol...	faroyinomolol...	07065363655	OK
<input type="checkbox"/>	 	March 7, 2021...	March 8, 2021...	collect:RVxm...	Timileyin Oye...	oyebadeo.timi...	08166009523	OK
<input type="checkbox"/>	 	March 8, 2021...	March 8, 2021...	collect:LA0Gs...	Olufisoye Olu...	oluwafisola20...	07032068910	OK
<input type="checkbox"/>	 	February 6, 20...	March 6, 2021...	collect:z6MS9...	Edward Idopise	edward.idopis...	08067304817	OK
<input type="checkbox"/>	 	February 25, 2...	March 3, 2021...	collect:ObXpl...	Laura Khor Li ...	L.Khor@cgjar...	0168810275	OK

PREV Page 1 of 1 30 rows NEXT

Data Collection Process

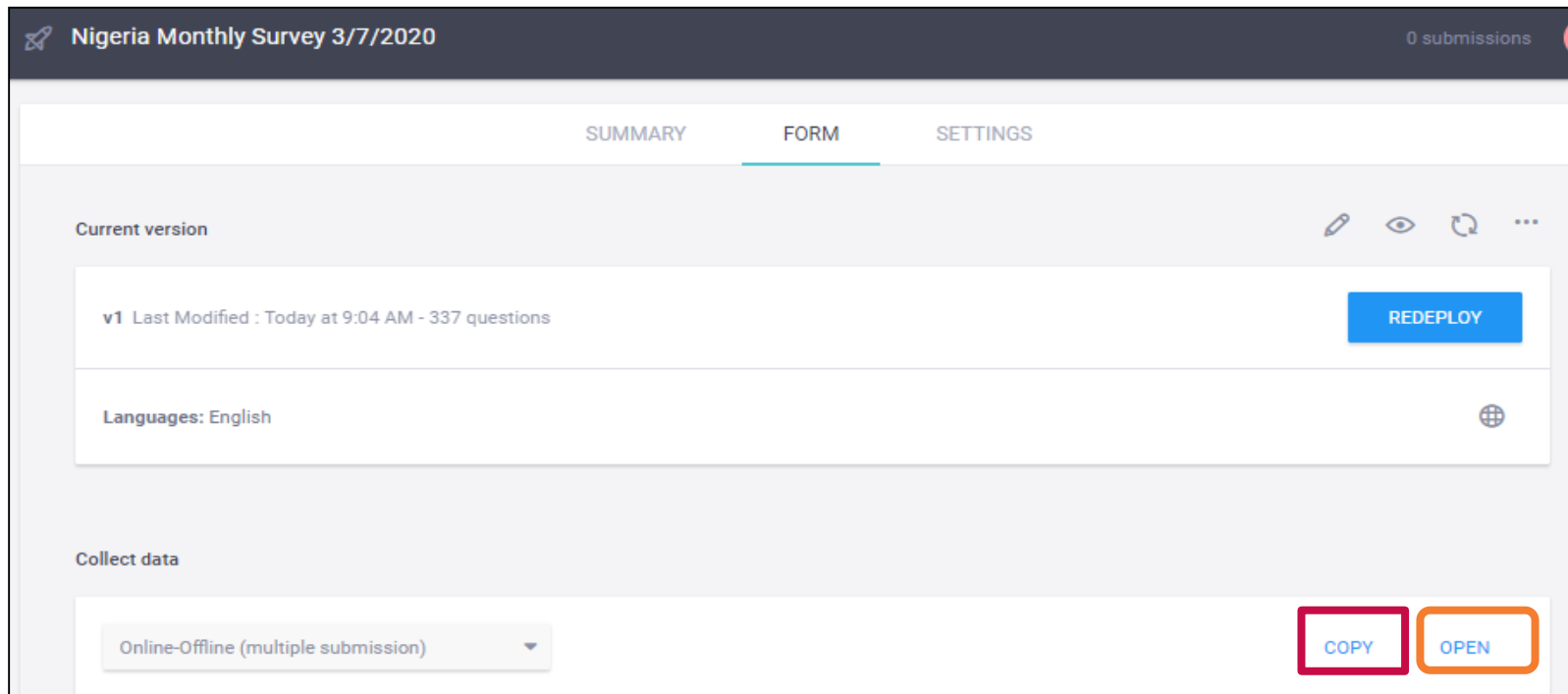
Data Collection Process- KoBo Collect

Based on the PDF document that was shared before, here I will show the Kobo Collect version of the questionnaire.




Data Collection Process- Enketo

- 1) Clicking the link shared by Project Manager (this option will enable a public share of the form)
- 2) How to get the link




Data Collection Process- Enketo



WorldFish

Date of interview



***Country**

Malaysia

Other (Specify)



Location


latitude (x.y °)

longitude (x.y °)

altitude (m) [

accuracy (m)

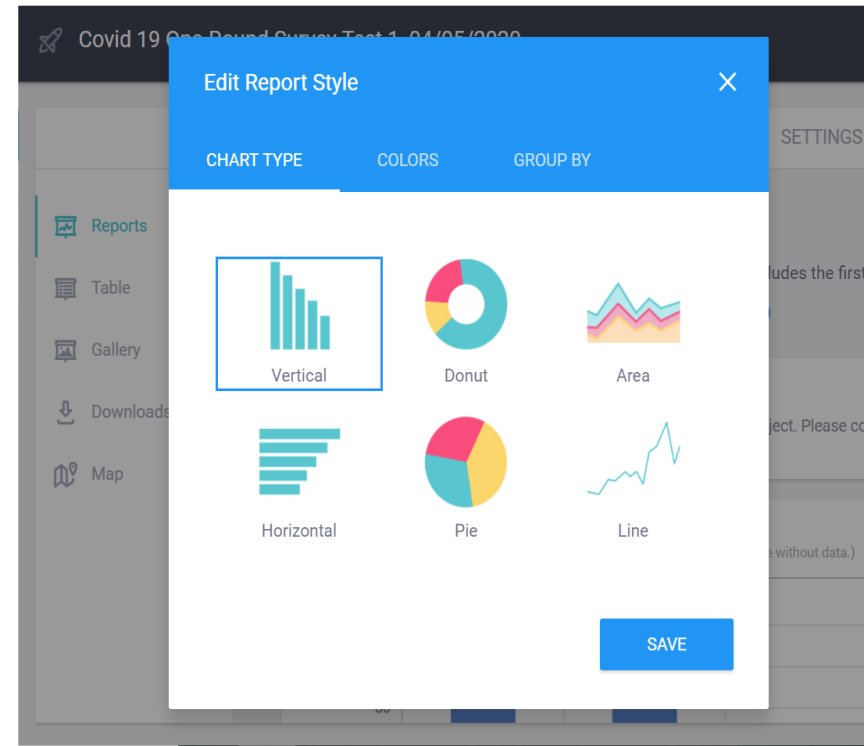
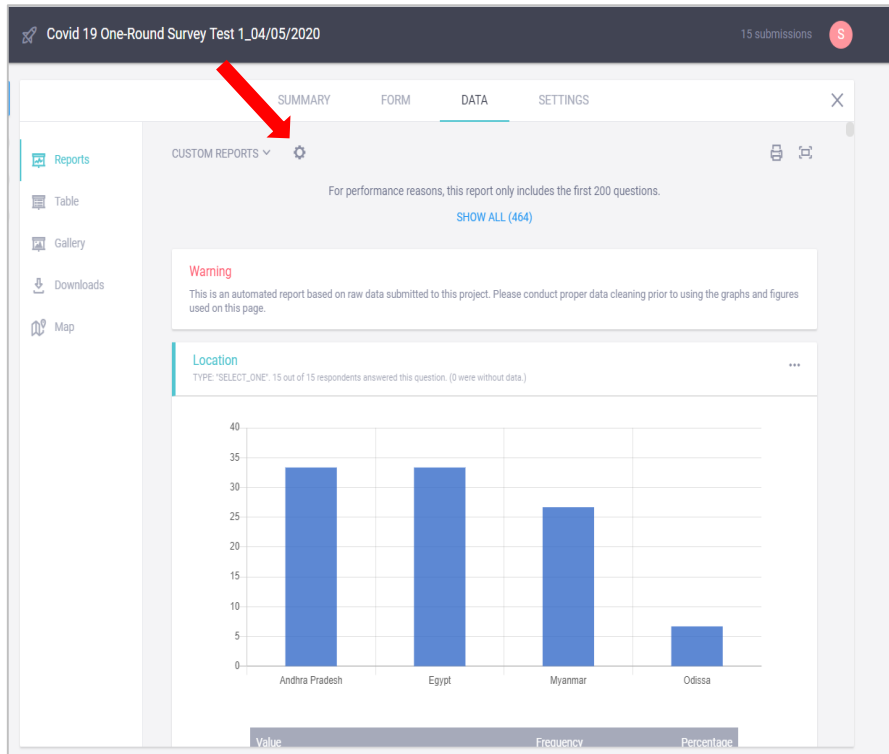
search for place or address  



Data Visualization on KoBo Toolbox

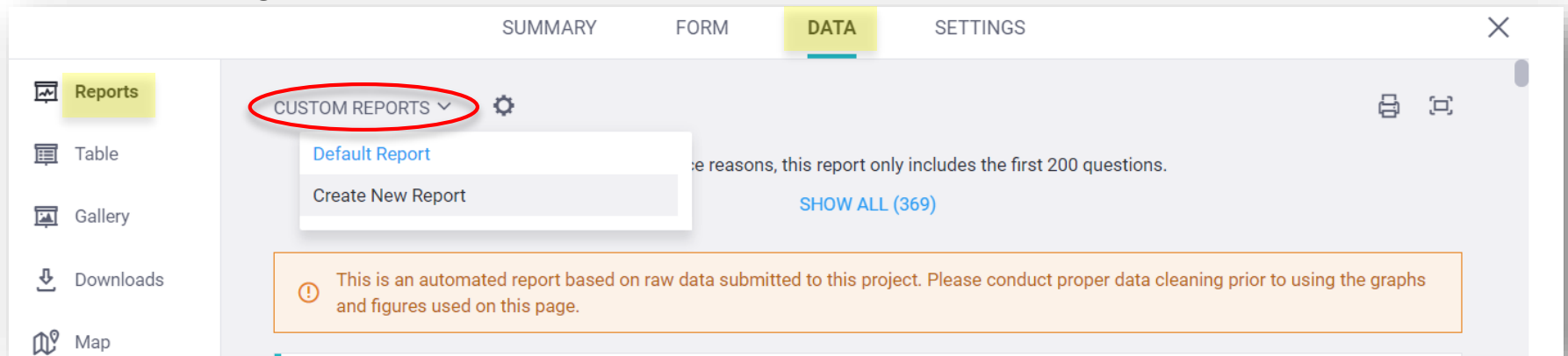
Data Visualization on KoBo Toolbox

Data > Reports

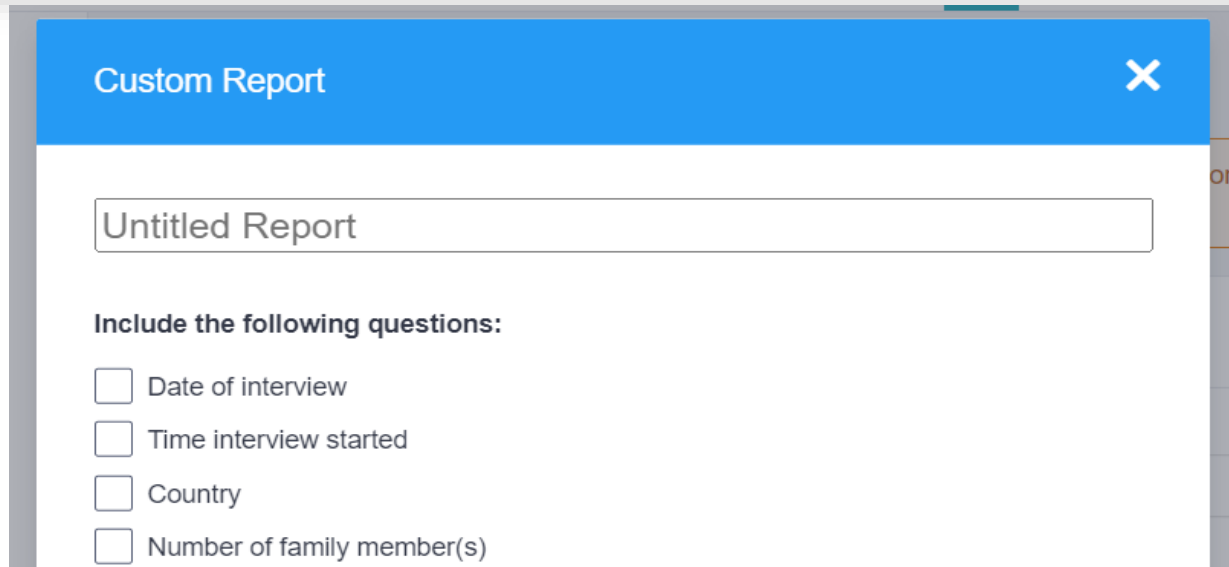


Data Visualization on KoBo Toolbox

Customizing report




The screenshot shows the KoBo Toolbox interface with the 'DATA' tab selected. A dropdown menu for 'CUSTOM REPORTS' is open, showing options for 'Default Report' and 'Create New Report'. A warning message is displayed below the dropdown, stating: 'This is an automated report based on raw data submitted to this project. Please conduct proper data cleaning prior to using the graphs and figures used on this page.' The interface also includes a sidebar with navigation options like 'Reports', 'Table', 'Gallery', 'Downloads', and 'Map', and a top navigation bar with 'SUMMARY', 'FORM', 'DATA', and 'SETTINGS'.



The 'Custom Report' dialog box is shown, featuring a title bar with a close button. The main content area includes a text input field labeled 'Untitled Report'. Below this, there is a section titled 'Include the following questions:' with four checkboxes and their corresponding labels: 'Date of interview', 'Time interview started', 'Country', and 'Number of family member(s)'. The dialog box is overlaid on a blurred background of the main application interface.

Data Visualization on KoBo Toolbox


Fish Epidemiology and Health Economics Survey Tool (Nigeria) - v1.10

 This is an automated report based on raw data submitted to this project. Please conduct proper data cleaning prior to using the graphs and figures used on this page.


E01. Farm/hatchery name
TYPE: "TEXT". 8 out of 8 respondents answered this question. (0 were without data.)

Value	Frequency	Percentage
JKLM Aquaculture	1	12.5
Piscy farms	1	12.5
Success Aqua investment	1	12.5
Zoe Farms	1	12.5
Mayflower Fish farm	1	12.5
Bolawa Farms	1	12.5
Farm a hatchery unit	1	12.5
Glorious Fish Farm	1	12.5

E06. Gender
TYPE: "SELECT_ONE". 8 out of 8 respondents answered this question. (0 were without data.)





Print 2 pages

Destination  Save as PDF

Pages All

Layout Landscape

More settings

Data Visualization on KoBo Toolbox

Map visualization

Data > Map > Disaggregate by survey responses > Select preferred survey responses in the list

The screenshot displays the KoBo Toolbox interface. On the left, a navigation menu includes 'Table', 'Reports', 'Gallery', 'Downloads', and 'Map'. The main area shows a map of Southeast Asia, including parts of Thailand, Vietnam, and Malaysia. A data visualization menu is open on the left, listing various survey questions. A red arrow points from the 'Disaggregate by survey responses' option in the menu to a red circle on the map. The map also features a search bar and various map controls.

Table
Reports
Gallery
Downloads
Map

-- See all data --
Country
Please specify
Name of Respondent
Gender
Do you have other partner organi...
Any additional comments?

Disaggregate by survey responses

Data Exporting from KoBo Toolbox

Data Exporting from KoBo Toolbox

Data > Downloads

The screenshot displays the 'Downloads' section of the KoBo Toolbox interface. At the top, there are four tabs: 'SUMMARY', 'FORM', 'DATA' (which is active and underlined), and 'SETTINGS'. A close button (X) is located in the top right corner. On the left side, there is a vertical navigation menu with icons and labels for 'Reports', 'Table', 'Gallery', 'Downloads' (highlighted with a blue bar), and 'Map'. The main content area is titled 'Downloads' and contains two dropdown menus: 'Select export type' and 'Value and header format'. The 'Select export type' dropdown is open, showing a list of options: 'XLS' (highlighted in blue), 'CSV', 'GeoJSON', 'SPSS Labels', 'CSV (legacy)', 'GPS coordinates (KML)', and 'XLS (legacy)'. A red trash icon is visible next to the 'XLS' option. The 'Value and header format' dropdown is set to 'XML values and headers'. A blue 'EXPORT' button is positioned to the right of the dropdowns. At the bottom of the main content area, there are two checkboxes labeled 'Include' and 'Multiple'. The bottom of the interface shows a table with columns and a 'Close all' button.

Data Exporting from KoBo Toolbox

Data > Value and header format

SUMMARY FORM **DATA** SETTINGS

Downloads

Select export type: XLS

Value and header format: XML values and headers

Advanced options: English

Apply saved export settings: Latest unsaved settings

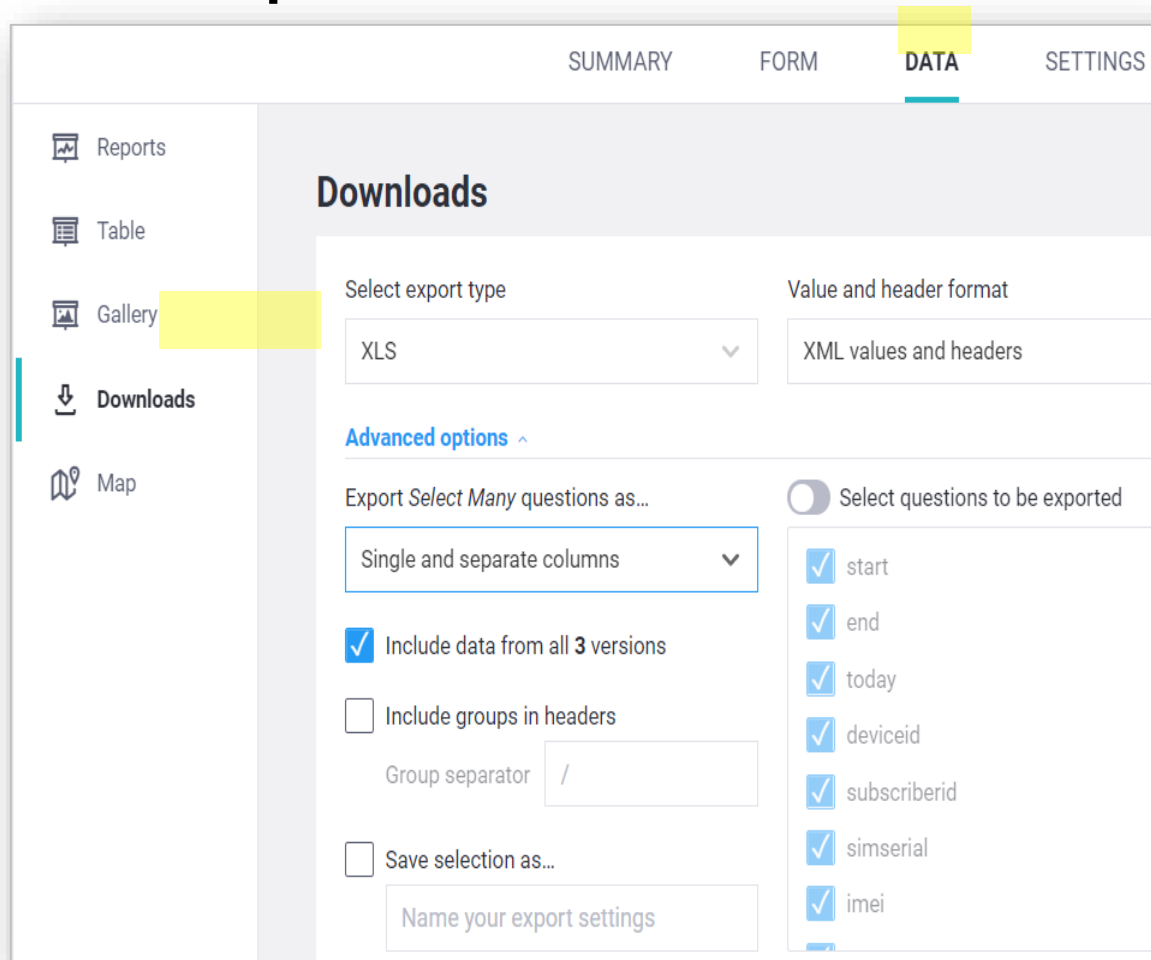
EXPORT

K	L	M	N
Name of Respondent	Gender	Do you have working with the community? (year)	When did you start
Saadiah	Female	Yes	2019-02-01
Anas	Male	No	1998-01-01
Iman	Female	No	2002-01-01
Tuan	Female	No	2016-02-01
Amni	Female	No	2020-01-01
Mint	Male	Yes	2005-01-01
Anthony	Male	Yes	2009-01-01
Graham	Male	Yes	2008-01-01
Cindai	Male	Yes	2009-01-01
Tamarin	Male	No	2010-01-01
Josh	Male	No	2011-01-01

K	L	M	N
name_respond	C03	C02	start_work
Saadiah	2	1	2019-02-01
Anas	1	2	1998-01-01
Iman	2	2	2002-01-01
Tuan	2	2	2016-02-01
Amni	2	2	2020-01-01
Mint	1	1	2005-01-01
Anthony	1	1	2009-01-01
Graham	1	1	2008-01-01
Cindai	1	1	2009-01-01
Tamarin	1	2	2010-01-01
Josh	1	2	2011-01-01

Data Exporting from KoBo Toolbox

Data > Advanced options



The screenshot displays the 'Data' tab in the KoBo Toolbox interface. The left sidebar contains navigation options: Reports, Table, Gallery, Downloads (highlighted), and Map. The main content area is titled 'Downloads' and includes the following settings:

- Select export type:** XLS
- Value and header format:** XML values and headers
- Advanced options:**
 - Export *Select Many* questions as...:** Single and separate columns
 - Include data from all 3 versions
 - Include groups in headers
 - Group separator: /
 - Save selection as...
 - Name your export settings
- Select questions to be exported
 - start
 - end
 - today
 - deviceid
 - subscriberid
 - simserial
 - imei

Thank You



This work was undertaken as part of



RESEARCH
PROGRAM ON
Fish

Led by WorldFish