

Needs Assessment for iehfc

Field	Question	Answer																										
Data Quality Checks — Short Survey																												
intro_note	<p>DIME Analytics is currently developing a new toolkit called <i>iesurveykit</i> to facilitate high-quality primary data collection. One of the key components of this toolkit is <i>iehfc</i>, a platform designed to generate customizable high-frequency checks.</p> <p>Our objective is to make <i>iehfc</i> more accessible to researchers of all levels of coding experience, while also standardizing good data quality practices in development economics research. To achieve this goal, we are seeking feedback from researchers like you on the features and functionalities of your existing high-frequency check tools, along with suggestions for potential improvements.</p> <p>We have launched a survey to collect this feedback, which will aid in the development of <i>iehfc</i>. Your insights and opinions are valuable to us, and we would appreciate your participation in this survey. It should take no more than 10 minutes to complete, and your responses will be kept strictly confidential.</p>																											
q1_role	Which of the following best describes your current role?	<table border="1"> <tr><td>1</td><td>Researcher (Research Assistant)</td></tr> <tr><td>2</td><td>Researcher (Field Coordinator)</td></tr> <tr><td>3</td><td>Researcher (Principal Investigator)</td></tr> <tr><td>4</td><td>Researcher (Other)</td></tr> <tr><td>5</td><td>M&E (In-House)</td></tr> <tr><td>6</td><td>M&E (Contractor)</td></tr> <tr><td>7</td><td>M&E (Other)</td></tr> <tr><td>8</td><td>Survey firm (Manager)</td></tr> <tr><td>9</td><td>Survey firm (Other)</td></tr> <tr><td>10</td><td>Student</td></tr> <tr><td>11</td><td>Data scientist</td></tr> <tr><td>12</td><td>Policy analyst</td></tr> <tr><td>-88</td><td>Other, please specify</td></tr> </table>	1	Researcher (Research Assistant)	2	Researcher (Field Coordinator)	3	Researcher (Principal Investigator)	4	Researcher (Other)	5	M&E (In-House)	6	M&E (Contractor)	7	M&E (Other)	8	Survey firm (Manager)	9	Survey firm (Other)	10	Student	11	Data scientist	12	Policy analyst	-88	Other, please specify
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-88	Other, please specify																											
q1_88_role_o	You selected "Other," please specify:																											
q2_dime_yes	Are you affiliated with DIME, or working on a DIME project?	<table border="1"> <tr><td>0</td><td>No</td></tr> <tr><td>1</td><td>Yes</td></tr> </table>	0	No	1	Yes																						
0	No																											
1	Yes																											
q3_institution	Please describe your current affiliation.	<table border="1"> <tr><td>1</td><td>Government agency/ministry</td></tr> <tr><td>2</td><td>Development agency (FCDO, IADB, AfDB, UN, EU, etc)</td></tr> <tr><td>3</td><td>Non-governmental organization (NGO)</td></tr> <tr><td>4</td><td>Private sector/For-profit organization</td></tr> <tr><td>5</td><td>University, research institute or think tank</td></tr> <tr><td>-66</td><td>Prefer not to say</td></tr> <tr><td>-88</td><td>Other, please specify</td></tr> </table>	1	Government agency/ministry	2	Development agency (FCDO, IADB, AfDB, UN, EU, etc)	3	Non-governmental organization (NGO)	4	Private sector/For-profit organization	5	University, research institute or think tank	-66	Prefer not to say	-88	Other, please specify												
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q3_88_institution_o	You selected "Other," please specify:																											
q4_responsibility	Which of the following data quality check activities are your responsibility during the data collection process? Please select any that apply.	<table border="1"> <tr><td>1</td><td>Carrying out the data quality checks</td></tr> <tr><td>2</td><td>Reviewing the results and providing feedback</td></tr> <tr><td>3</td><td>Receiving the results and implementing field corrections</td></tr> <tr><td>97</td><td>I am not directly involved in this aspect of the research process</td></tr> <tr><td>-88</td><td>Other, please specify</td></tr> </table>	1	Carrying out the data quality checks	2	Reviewing the results and providing feedback	3	Receiving the results and implementing field corrections	97	I am not directly involved in this aspect of the research process	-88	Other, please specify																
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q4_88_responsibility_o	You selected "Other," please specify:																											
q5_check_period	How often does your team conduct quality checks during the data collection process?	<table border="1"> <tr><td>1</td><td>Daily</td></tr> <tr><td>2</td><td>More than once a week</td></tr> <tr><td>3</td><td>Weekly</td></tr> <tr><td>4</td><td>More than once a month</td></tr> <tr><td>5</td><td>Once a month</td></tr> <tr><td>-88</td><td>Other, please specify</td></tr> </table>	1	Daily	2	More than once a week	3	Weekly	4	More than once a month	5	Once a month	-88	Other, please specify														
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q5_88_check_period_o	You selected "Other," please specify:																											
q6_hfc_tool	What tool(s) (softwares/packages) does your team use to run the checks?	<table border="1"> <tr><td>1</td><td>The ipackcheck package in Stata by IPA</td></tr> <tr><td>2</td><td>HighFrequencyChecks package in R by UNHCR</td></tr> </table>	1	The ipackcheck package in Stata by IPA	2	HighFrequencyChecks package in R by UNHCR																						
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		4	SurveyCTO automated quality checks
		5	Custom scripts in Stata
		6	Custom scripts in R
		97	None of the above
		-88	Other, please specify
q6_88_hfc_tool_o	You selected "Other," please specify:		
q7_hfc_setup_time	Please estimate, in hours, the amount of time it took your team to set up your most recent data quality check process. [Please enter -99 if you do not know]		
q8_hfc_check	Which of the following checks are included in your team's data quality check process?	1	Duplicate IDs
		2	Missing values
		3	Outliers
		4	Enumerator-level checks — e.g. survey duration, number of completed surveys, number of respondent refusing to consent, etc.
		5	Administrative/Geographic unit-level checks — e.g. number of completed surveys by village, %age of targeted households surveyed by village, etc.
		6	Survey programming checks — e.g. inconsistent variable values, values outside of expected range, etc.
		7	Progress tracking — e.g. household-level check of whether household was surveyed
		8	Descriptive statistics — mean and standard deviation for key outcome variables
		9	Enumerator comments
		97	None of the above
		-88	Other, please specify
q8_88_hfc_check_o	You selected "Other," please specify:		
q9_hfc_wish	Which of the following checks would you or your team want to include in your data quality checks (but cannot given limitations of your current tool)	1	Duplicate IDs
		2	Missing values
		3	Outliers
		4	Enumerator-level checks — e.g. survey duration, number of completed surveys, number of respondent refusing to consent, etc.
		5	Administrative/Geographic unit-level checks — e.g. number of completed surveys by village, %age of targeted households surveyed by village, etc.
		6	Survey programming checks — e.g. inconsistent variable values, values outside of expected range, etc.
		7	Progress tracking — e.g. household-level check of whether household was surveyed
		8	Descriptive statistics — mean and standard deviation for key outcome variables
		9	Enumerator comments
		97	None of the above
		-88	Other, please specify

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q9_88_hfc_wish_o	You selected "Other," please specify:																	
q10_hfc_limits	In your opinion, what are the limitations or shortcomings in your current set up for conducting data quality checks, in terms of how they are processed and the outputs they create?																	
q11_hfc_output	What is the format of the outputs/results generated by your data quality check process?	<table border="1"> <tr><td>1</td><td>Excel spreadsheets</td></tr> <tr><td>2</td><td>Google Sheets</td></tr> <tr><td>3</td><td>Figures and tables compiled into a dynamic document</td></tr> <tr><td>4</td><td>Shiny Dashboard</td></tr> <tr><td>97</td><td>None of the above, our data quality process does not generate outputs</td></tr> <tr><td>-88</td><td>Other, please specify</td></tr> </table>	1	Excel spreadsheets	2	Google Sheets	3	Figures and tables compiled into a dynamic document	4	Shiny Dashboard	97	None of the above, our data quality process does not generate outputs	-88	Other, please specify				
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q11_88_hfc_output_o	You selected "Other," please specify:																	
q12_hfc_output_limits	Does (Do) the current format(s) of your outputs meet all your or your team's needs? If not, please specify challenges/issues you face using it (them).																	
q13_hfc_aware	Please indicate which of the following data quality check packages you are familiar with:	<table border="1"> <tr><td>1</td><td>The ipacheck package in Stata by IPA</td></tr> <tr><td>2</td><td>HighFrequencyChecks package in R by UNHCR</td></tr> <tr><td>3</td><td>Data validation package(s) in R (e.g. pointblank or data.validator)</td></tr> <tr><td>4</td><td>SurveyCTO automated quality checks</td></tr> <tr><td>5</td><td>Custom scripts in Stata</td></tr> <tr><td>6</td><td>Custom scripts in R</td></tr> <tr><td>97</td><td>None of the above</td></tr> <tr><td>-88</td><td>Other, please specify</td></tr> </table>	1	The ipacheck package in Stata by IPA	2	HighFrequencyChecks package in R by UNHCR	3	Data validation package(s) in R (e.g. pointblank or data.validator)	4	SurveyCTO automated quality checks	5	Custom scripts in Stata	6	Custom scripts in R	97	None of the above	-88	Other, please specify
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q13_88_hfc_aware_o	You selected "Other," please specify:																	
Data Quality Checks — Short Survey > HFC Tool Comparison (1)		(Repeated group)																
q14_hfc_improve	Please indicate the advantage(s) you believe your current HFC tool(s) has (have) over [hfc_tool_name] .	<table border="1"> <tr><td>1</td><td>Accessibility: software requirements and ease of use</td></tr> <tr><td>2</td><td>Functionality: range of features and capabilities</td></tr> <tr><td>3</td><td>Customizability: flexibility in terms of checks performed and outputs created</td></tr> <tr><td>4</td><td>Replicability: ability to replicate the outputs when shared with other users</td></tr> <tr><td>5</td><td>Shareability: how straightforward it is to share outputs</td></tr> <tr><td>97</td><td>None, my tool is not better in any of these dimensions</td></tr> </table>	1	Accessibility: software requirements and ease of use	2	Functionality: range of features and capabilities	3	Customizability: flexibility in terms of checks performed and outputs created	4	Replicability: ability to replicate the outputs when shared with other users	5	Shareability: how straightforward it is to share outputs	97	None, my tool is not better in any of these dimensions				
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q15_hfc_ideal	What specific features and functionalities would you want to see in a new tool designed to create and run high frequency checks?																	
Data Quality Checks — Short Survey > Contact Information																		
contact_info_note	Would you be willing to provide your name and a contact email address for possible follow-up questions? This is optional. We will not use your information for any other purpose than contact for follow-up questions on this survey's content.																	
q16_name	Name:																	
q17_email	Email address:																	
thank_you_note	Thank you for your time.																	