



ActivityInfo

From LogFrame to Database

Data analysis and Reporting

Starting shortly, please wait!

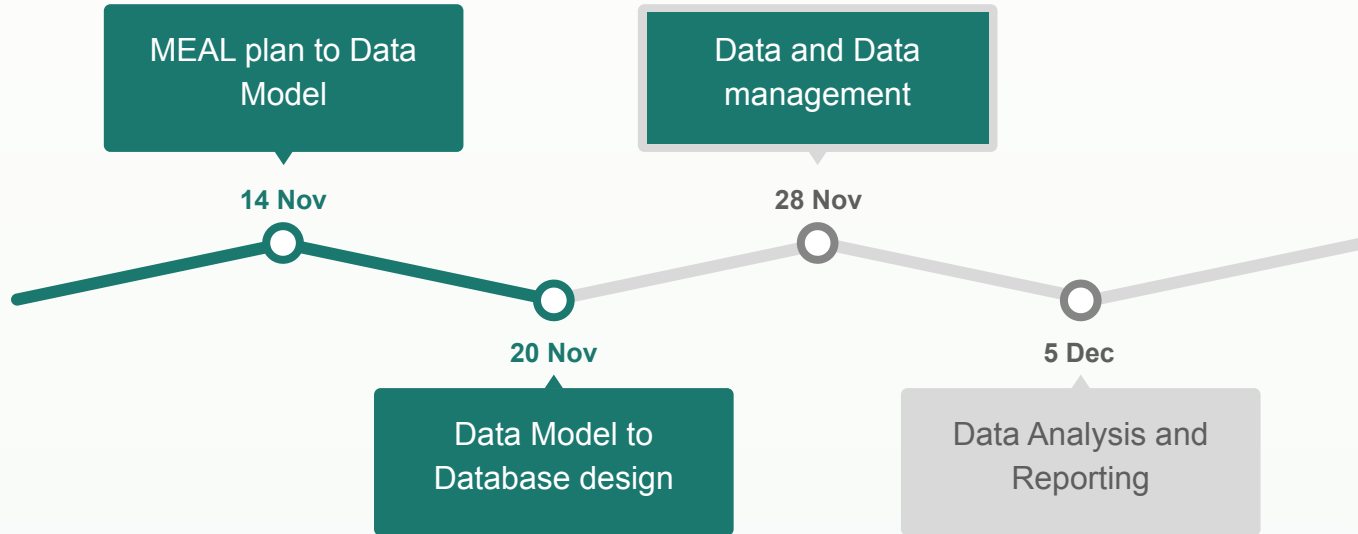
Presented by the ActivityInfo Team

All in one information management software for humanitarian and development operations

- Track activities, outcomes
- Beneficiary management
- Surveys
- Work offline/online

The screenshot displays the ActivityInfo website interface. At the top, there is a navigation bar with links for Features, Pricing, Customers, Support, News, Contact us, and a Log in button. The main content area features the ActivityInfo logo and the heading "Information management software for the social sector". Below this, a paragraph states: "Everything you need for your data collection and reporting needs. No-code relational database builder. Integrated analysis tools and advanced user management capabilities." A section titled "ActivityInfo is perfect for" contains four feature boxes: Case Management, Monitoring and Evaluation, Humanitarian coordination, and Cash & Voucher Assistance. Underneath, "Our key features" are listed as a sequence of steps: Mobile data collection, Data entry, Data management, and Analysis & visualization. On the right side, a map visualization shows various data points represented by colored bubbles (blue, yellow, purple) with numerical values, overlaid on a geographical map of East Africa.

From Logframe to Database



Meet your instructors



Eliza Avgeropoulou
Senior Implementation Specialist
BeDataDriven



Firas El Kurdi
Implementation Specialist
BeDataDriven


Outline

01 From Data to Insights: The Analytical Journey

02 Deep Dive into Data Analysis

03 Exploring Data Visualization

04 Q&A



Overview of the Previous Sessions

Food for Progress Project - USDA



PARTNERS *of the* AMERICAS
Connect • Serve • Change Lives

Who



Developing countries and emerging democracies

What



Modernize and strengthen the agricultural sector

How



Donated agricultural commodities are sold on the local market and the proceeds are used to support agricultural, economic, or infrastructure development programs.

Overview of MEAL Plan

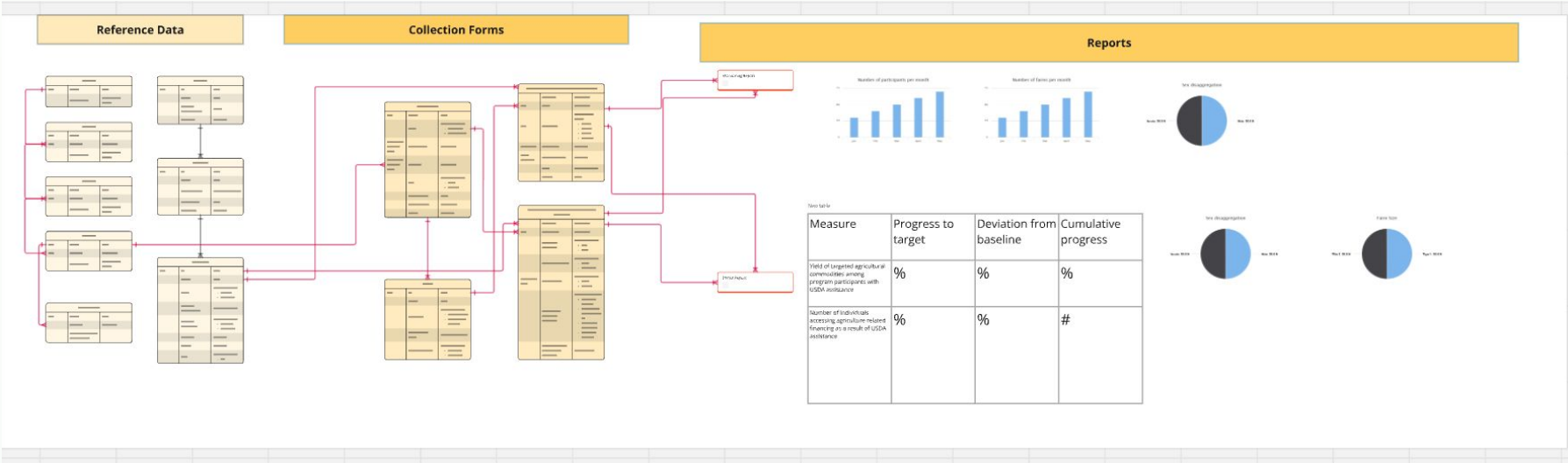
	Indicators	Calculation	Responsibilities	Data Use
SO 1	Yield of targeted agricultural commodities among program participants with USDA assistance	Yield per hectare=Total Production (PT) / Total Production Units (PU) PT: Metric tons (tm) PU: Hectares (ha) Dis: Farm size, gender, age	Field staff collect shortly after harvest targeting the primary recipient using quantitative surveys Sample based on farm records. MandE specialist responsible for analysis and reporting	Donor reporting on annual basis
IR 1.1	Number of individuals accessing agriculture related financing as a result of USDA assistance	Unique count of individual farmers, cooperatives, suppliers, SMEs access financing (i.e. borrowing in cash or kind, official loans, non borrowing such as leasing	Field staff identify all individuals and organizations and collect basic information. They assess whether participants accessed funding during the reference year via structure questionnaires. MandE specialist responsible for analysis and reporting	Internal Monitoring on monthly basis

Data Model

Reference data

Collection forms

Reports



Data Model

Reports

Monitoring Report

Donor Report

Number of participants per month

Month	Participants
Jan	30
Feb	40
Mar	50
Apr	60
May	70

Number of farms per month

Month	Farms
Jan	30
Feb	40
Mar	50
Apr	60
May	70

Sex disaggregation

Female: 50.0 % Male: 50.0 %

New table

Measure	Progress to target	Deviation from baseline	Cumulative progress
Yield of targeted agricultural commodities among program participants with USDA assistance	%	%	%
Number of individuals accessing agriculture related financing as a result of USDA assistance	%	%	#

Sex disaggregation

Female: 50.0 % Male: 50.0 %

Are we ready to Analyze the Data?




Define Clear Objectives

- ❑ **Understand Your Goals:** What do you want to achieve with your analysis?
- ❑ **Align with Program Objectives:** Ensure your analysis supports your overall project goals.



Ensure Data Preparedness

- ❑ **Data Quality:** Verify that your data is accurate, complete, and consistent.
- ❑ **Data Organization:** Organize your data in a way that facilitates analysis.



From Data to Insights: The Analytical Journey

Data Analytics Process

01

Data Collection

Date of reporting
SEARCH & DATA ENTRY FORM (02)
Province
Select name
Theme of assistance
households participating

02

Data Preparation

Reference folder
Beneficiary outreach
Inventory of qualitative material
Post training evaluation survey

03

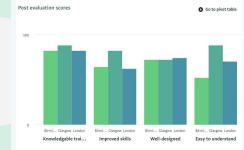
Data Analysis

REPORTS > LOGFRAME
Logframe 2020

Measures	Northern E.O.	Southern E.O.
Number of families who benefited from MFS	15018	11384
Number of women who benefited from MFS	6547	17483
Number of men who benefited from MFS	8677	17807
Number of BIP visits	14	11
Number of assessments	4	11
Number of distributions	27	17

04

Data Visualization



Key Considerations for Data Collection

01

Relevance

02

Accuracy

03

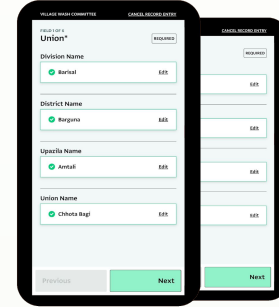
Timeliness

04

Ethical Practices

05

Methodology



The image shows two mobile devices displaying a data collection form. The form is titled 'Union*' and has a 'PREVIOUS' button on the left and a 'NEXT' button on the right. It contains four sections, each with a radio button and a 'YES' label:

- Division Name: Barisal YES
- District Name: Barguna YES
- Upazila Name: Arnail YES
- Union Name: Chhota Bargi YES

Key Considerations for Data Preparation

01

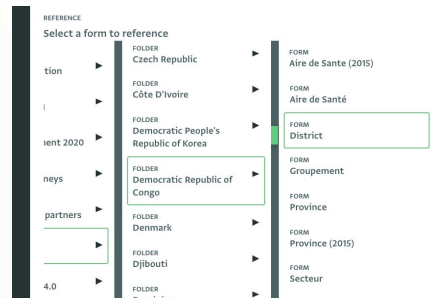
Data Cleaning

02

Data Transformation

03

Data Integration



Key Considerations for Data Analysis

01

Descriptive Statistics

02

Comparative Analysis

03

Correlation Analysis

04

Use of Tools

05

Interpretation

Age Group	Male	Female	Total
18-29	8	4	12
30+	9	9	18
Total	17	13	30

Key Considerations for Data Visualization

01

Purpose

02

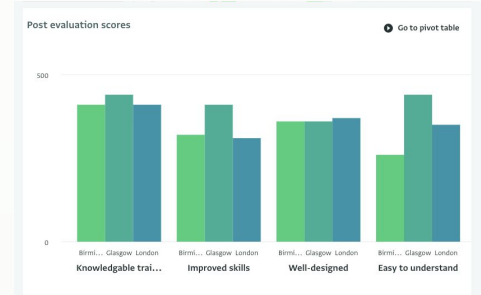
Chart Types

03

Audience Tailoring

04

Interactivity



Deep Dive into Data Analysis

Data Analysis

**Why is Data Analysis
Important?**

1. Informed Decision-Making
2. Identifying Trends and Patterns
3. Measuring Performance
4. Improving Programs

Pivot Tables

Name	Admin 1 Name	Sex	Age Group
Beneficiaire 3111	Brakna	Male	18-29
Beneficiary 8	Gorgol	Male	30+
Beneficiary 16	Gorgol	Female	30+
Beneficiary 5	Trarza	Female	18-29



Age Group	Male	Female	Total
18-29	8	4	12
30+	9	9	18
Total	17	13	30

Pivot Table Components

Age Group	Male	Female	Total
18-29	8	4	12
30+	9	9	18
Total	17	13	30

Column dimension

Row dimension

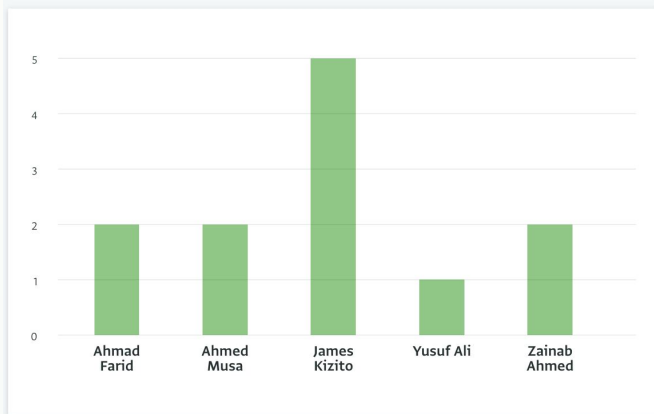
Measures



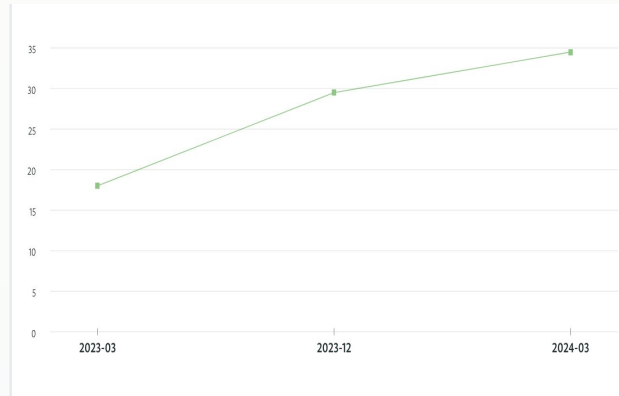
Exploring Data Visualization

Comparative Analysis: Chart Types

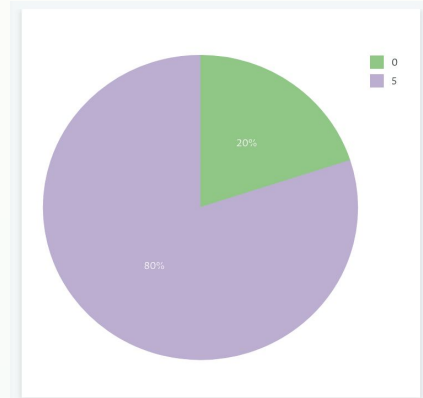
Bar



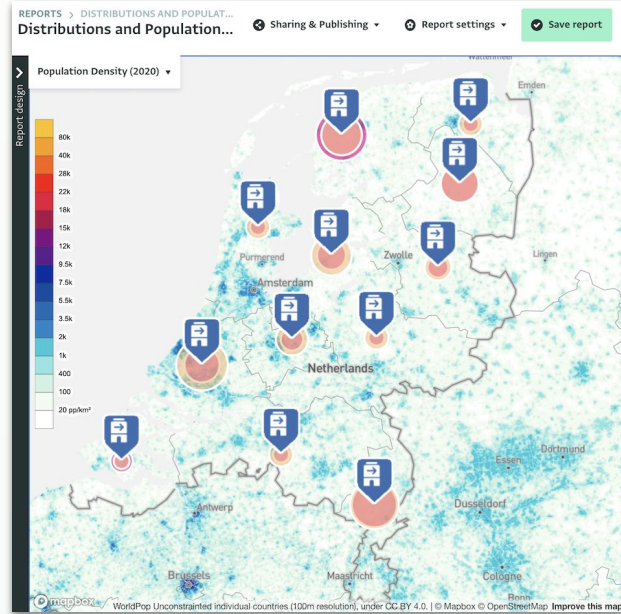
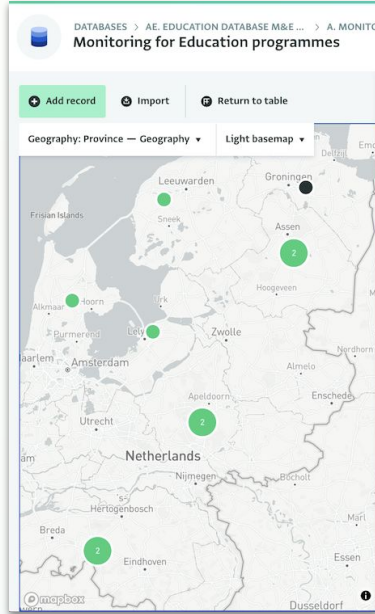
Line



Pie

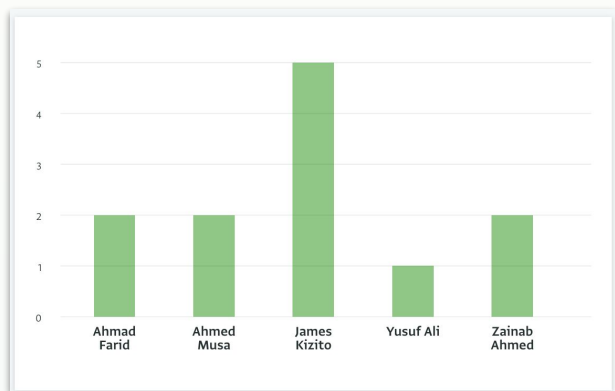


Utilizing Maps

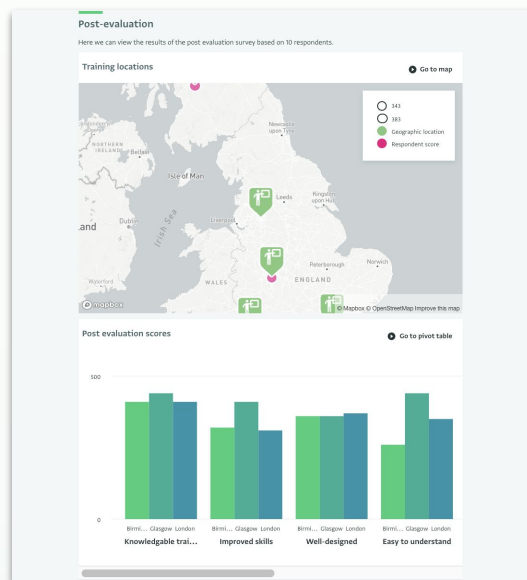


Report layouts: Sharing Your Insights

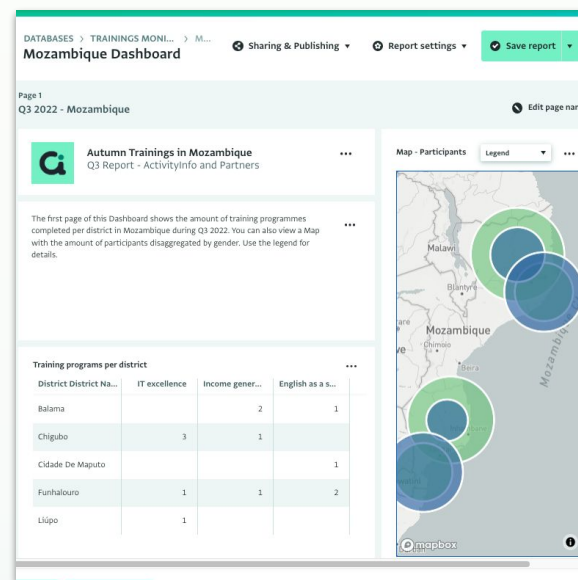
Single Report




Notebook



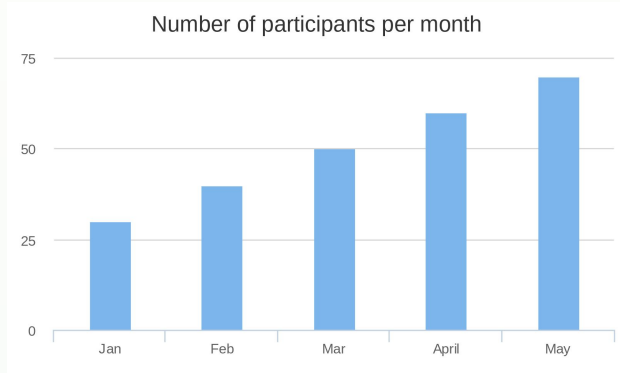
Dashboard





Applying What We Learned to the FFPR Project

Monitoring Report



- **Chart Type:** Bar Chart
- **Purpose:** monitor participant registration trends over time
- **Measures:** number of participants registered
- **Dimensions:** Time (Month)
- **Target Audience:** Internal Staff

Donor Report

	Indicators	Calculation
SO 1	Yield of targeted agricultural commodities among program participants with USDA assistance	Yield per hectare
IR 1.1	Number of individuals accessing agriculture related financing as a result of USDA assistance	Unique count of individual farmers with access financing (i.e. borrowing in cash or kind, official loans, non borrowing such as leasing)

- **Chart Type:** Pivot Table
- **Purpose:** track and report our progress
- **Measures:** Progress to Target (%),
- **Dimensions:** key indicators we are tracking
- **Target Audience:** Donor



Live Demonstration in ActivityInfo

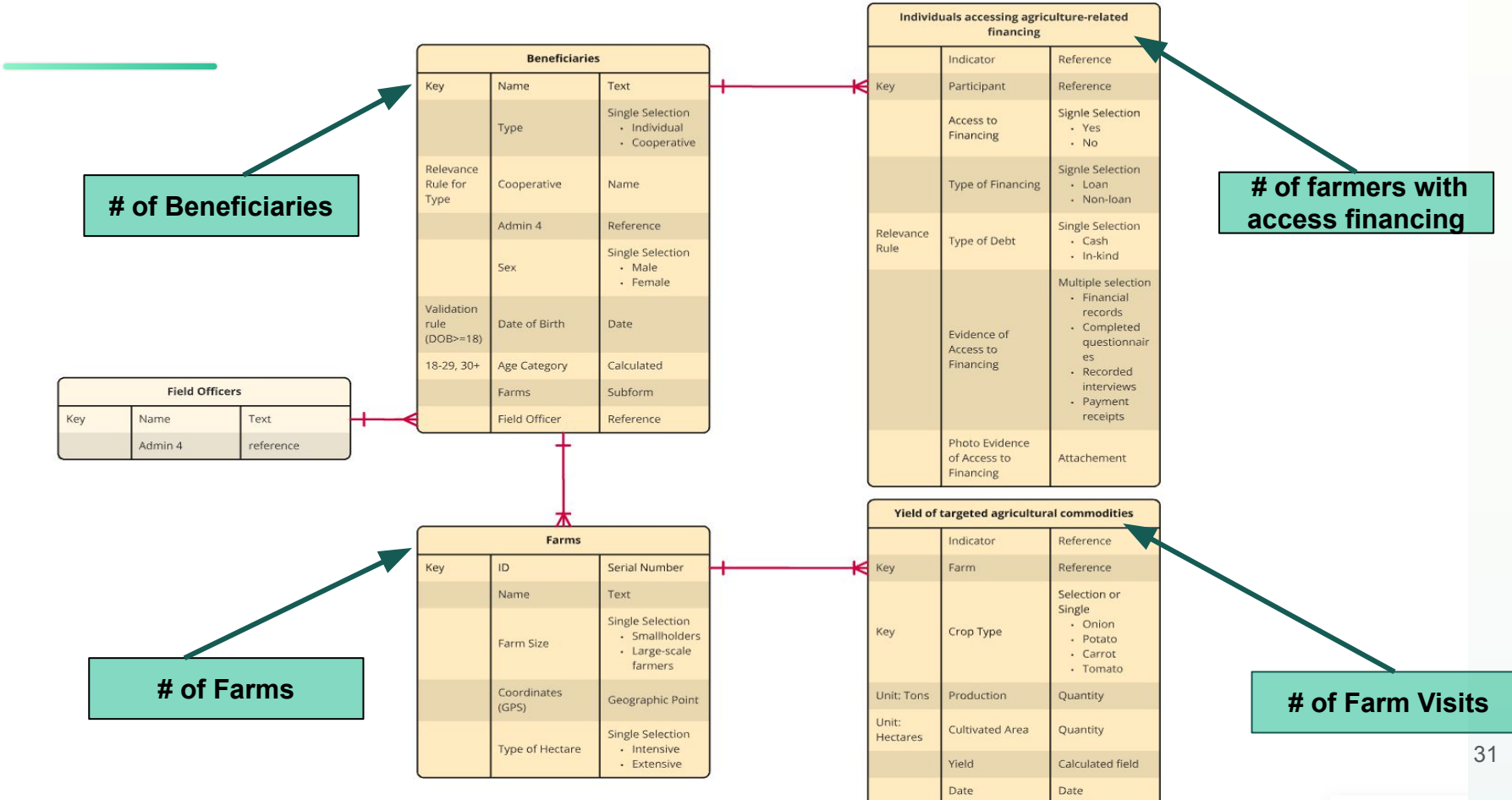
How are the field officers performing?



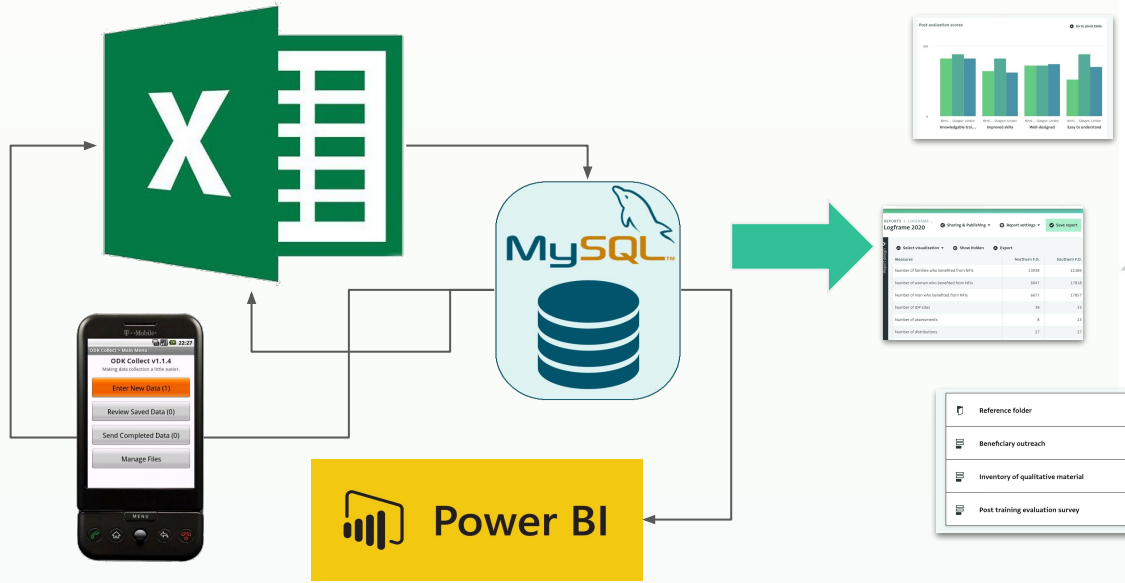
Field Officers

- Beneficiaries Registered per Field Officer
- Farms Registered per Field Officer
- Number of Farm Visits
- Individuals benefiting from financial services

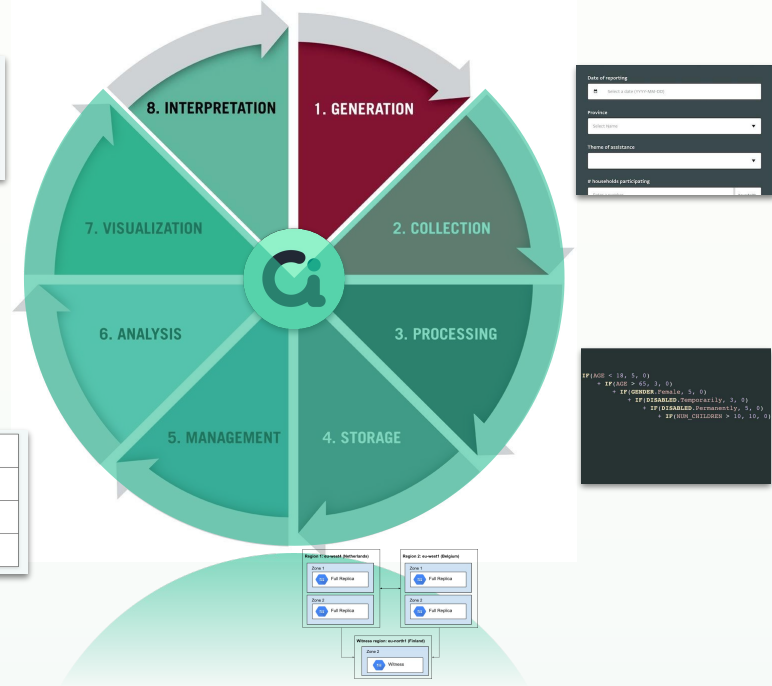
How are the field officers performing?



Digital-Fragmented



Digital-Integrated

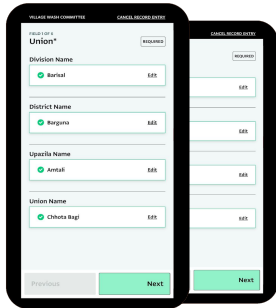


ActivityInfo

An end-to-end solution for M&E data management

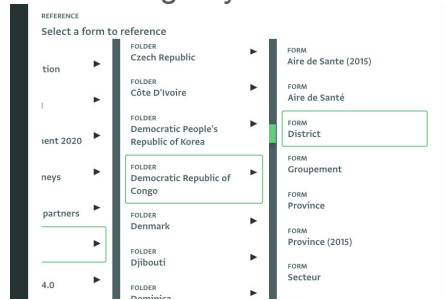
Data collection

Easily collect the data you need from anywhere



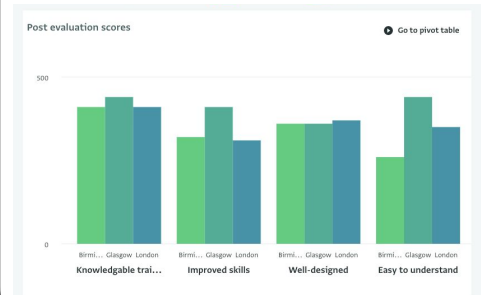
Data management

Organize your information according to your workflow



Data analysis

Generate actionable insights in real-time



Key Messages

- **Data Analysis Transforms Information into Action**
 - Enables evidence-based decision-making.
- **Effective Visualization Enhances Communication**
 - Simplifies complex data for stakeholders.
- **Applying Insights Leads to Program Improvement**
 - Identifies successes and areas needing attention.
- **Continuous Monitoring Supports Objectives**
 - Regular analysis keeps the program on track.

Questions?

Follow us:

LinkedIn page: <https://www.linkedin.com/showcase/activityinfo/>

LinkedIn group: <https://www.linkedin.com/groups/5098257/>

Resources

- [Food for Progress Project](#)