

# OPEN DATA KIT (ODK) Course Outline

## MODULE I

- General Introduction to Mobile Data gathering
- Data and types of Data
- Introduction to ODK collect and Kobo Collect
- Data aggregation, storage and dissemination using ODK and Kobo Collect
- Types of questions

### Preparing the mobile phone for data collection

- Installing applications: ODK Collect
  - Using Google play
  - Manual install (.apk files)
- Configuring the device (Mobile Phones)
- Uploading the form into the mobile devices  
(Hands-on Exercise)



## MODULE II

Basic Survey Authoring

Intermediate Survey Authoring

Advanced Survey Authoring

- Conditional Survey Branching
  - Required questions
  - Constraining responses
  - Skip: Asking Relevant questions
  - The specify other
- Grouping questions
  - Skipping many questions at once (Skipping a section)
- Repeating a set of questions
- Special formatting
- Making dynamic calculations



## MODULE III: Hosting and Exporting survey data (Online)

Introduction to the server side component of ODK

- ODK Aggregate
- ona.io
- Kobo Toolbox

Hosting Survey Data (Configuring a local server)

- Configuring ODK Aggregate on a local server
- Ona account registration

Downloading data

- Manual download (ODK Briefcase)
- Using the online server interface (ona.io)

### Hands-on Exercise (Practical with a sample questionnaire)

## ANALYSIS

ODK and GIS data conversion

- KML
- Shapefiles

Exporting data to Fusion tables using

Hand-on Exercise

## Course Summary

Discussion on the Choice of Platform

Considerations for Integrating Mobile Data Gathering Tools into the Project



Build



Collect



Aggregate

