dhis2 academy

DHIS2 System Design & Data Quality

Outline - Data Quality Design Inputs

- Form design

- Database and metadata design
  - Customization Challenges
  - Maintenance App Challenges

- Functions to assess databases and metadata design

Form Design - Learning Objectives

Define and Identify

- Poor form source design

- Incorrect Disaggregations

- Duplicate variables within the same form

- Duplicate variables across different forms between different programs

- Duplicate variables across different forms in the same program

Form Design – Poor Source Design

Data		Age of client					
		10-13		14-16		17-19	
		M	F	M	F	M	F
Parity	1st						
	2nd and above						
Antenatal	ANC 1						
	ANC 4						
Delivery	Normal						
	Assisted						
	Caeasarean						

Form Design –
Poor Source Design Outcome

Data		Age of client					
		10-13		14-16		17-19	
		M	F	M	F	M	F
Parity	1st		356	17	4241	205	14611
	2nd and above	7	139	20	1777	149	8473
Antenatal	ANC 1		370	31	4249	282	13583
	ANC 4	1	244	17	2469	132	9000
Delivery	Normal	4	205	12	2025	151	7945
	Assisted	2	5		80	4	229
	Caeasarean		13		73	4	220