

DATA QUALITY AUDIT DASHBOARD

You have been tasked to measure data accuracy level for 10 health facilities reporting to the ministry of health. Your task is to

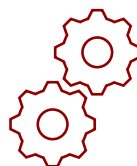
1. Check the level of accuracy between the primary data source [Registers] against Reports
2. Check level of accuracy between the Reports and Health information system [KHIS]

Using the data provided,



1. DATABASE

DEVELOP A DYNAMIC DATABASE THAT CAN BE REFRESHED WITH NEW DATA AS IT BECOMES AVAILABLE



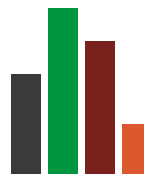
2. CALCULATIONS

GET PERCENTAGE DIFFERENCE COMPARING REGISTERS AGAINST REPORTS, AS WELL AS REPORTS AGAINST KHIS



3. HEALTH FACILITY SCORE

CALCULATE THE AVERAGE FACILITY DATA ACCURACY SCORE, TAKING INTO CONSIDERATION THAT IF THE INDICATOR PERCENTAGE DIFFERENCE FALLS WITHIN THE MARGIN ERROR OF -5% TO 5%, IT IS SCORED AS 1; ANYTHING OUTSIDE THAT RANGE IS SCORED AS 0.



4. DASHBOARD

CREATE INTERACTIVE VISUAL DASHBOARD



FIGURE OF YOUR CHOICE

PREFERRED TOOL TO WORK ON THE ASSIGNMENT IS MS EXCEL. HOWEVER, YOU ARE ENCOURAGED TO EXPLORE OTHER OPTIONS HIGHLIGHTED BELOW

INSTRUCTIONS:

- The visualization must have one overarching theme
- Document the steps involved in your analysis process.
- STATA
- SPSS
- POWER-BI
- GOOGLE SHEETS
- LOOKER STUDIO