

11_CL_Tiolet

Group K

2025-09-19

#Display Dataset content

```
## # A tibble: 6 x 29
##   ISO3   DataId Indicator Value Precision DHS_CountryCode CountryName SurveyYear
##   <chr> <chr>   <chr>    <chr> <chr>      <chr>          <chr>      <chr>
## 1 #coun~ #meta~ #indicat~ #ind~ #indicat~ <NA>          #country+n~ #date+year
## 2 ZAF    795762 Househol~ 50.1  1        ZA            South Afri~ 1998
## 3 ZAF    795768 Househol~ 38.3  1        ZA            South Afri~ 1998
## 4 ZAF    795760 Househol~ 31.2  1        ZA            South Afri~ 1998
## 5 ZAF    795764 Househol~ 6      1        ZA            South Afri~ 1998
## 6 ZAF    795765 Househol~ 11.6  1        ZA            South Afri~ 1998
## # i 21 more variables: SurveyId <chr>, IndicatorId <chr>, IndicatorOrder <dbl>,
## #   IndicatorType <chr>, CharacteristicId <dbl>, CharacteristicOrder <dbl>,
## #   CharacteristicCategory <chr>, CharacteristicLabel <chr>,
## #   ByVariableId <chr>, ByVariableLabel <chr>, IsTotal <dbl>,
## #   IsPreferred <dbl>, SDRID <chr>, RegionId <lgl>, SurveyYearLabel <dbl>,
## #   SurveyType <chr>, DenominatorWeighted <dbl>, DenominatorUnweighted <dbl>,
## #   CILow <lgl>, CIHigh <lgl>, LevelRank <lgl>
```

#check for unique values

```
## # A tibble: 29 x 3
##   column          n_unique sample_values
##   <chr>          <int> <chr>
## 1 ISO3              1 ZAF
## 2 DataId            46 795762, 795768, 795760
## 3 Indicator        32 Households with an improved sanitation facility, Ho~
## 4 Value            37 50.1, 38.3, 31.2
## 5 Precision         2 1, 0
## 6 DHS_CountryCode   1 ZA
## 7 CountryName       1 South Africa
## 8 SurveyYear        2 1998, 2016
## 9 SurveyId          2 ZA1998DHS, ZA2016DHS
## 10 IndicatorId      32 WS_TLET_H_IMP, WS_TLET_H_NIM, WS_TLET_H_NPT
## # i 19 more rows
```

Drop the countries only onw unqiue value: reason, there is no useful information
- county is also always za

Assumed pattern, the missing values can be filled with the previous non missing
value in the opposite attribute

