STaTa ®
Statistics/Data analysis

```
//  Program:    99-dataPrep-Kenya_FiscalMicroSim_hhSurvey_cleanedData_dem_inc.do
//  Task:       merging the necessary cleaned demography and income data to be used
> in the Microsim
//  Project:    Kenya Fical MicroSim
//  Author:     Yared Seid - 2023Jan11


// # 1
// 1.1. Loading the data with household variables
use "${DataCleaningPath}\01-dataPrep-hhDemogVars", clear


// 1.2. Merging with household members info
merge 1:m hhID using "${DataCleaningPath}\02-dataPrep-hhMemberDemogVars"
tab _merge
drop _merge

// 1.3. Merging with income info
merge m:m hhID using "${DataCleaningPath}\03-dataPrep-incomeVars"
tab _merge
drop _merge

// 1.4. Merging with income from transfers and pensions info
merge m:m hhID using "${DataCleaningPath}\04-dataPrep-otherIncomes-transfersAndPensi
> ons"
tab _merge
drop _merge

/*
// 1.5.1. Merging with (food and non-food) expenditure data
merge m:m hhID using "${DataCleaningPath}\05-01-dataPrep-expVars-foodAndNonfood"
tab _merge
drop _merge
*/

/*
// 1.5.2 Merging consumption aggregates
merge m:m hhID using "${DataCleaningPath}\05-02-dataPrep-expVars-consumptionAgg"
tab _merge
drop _merge
*/

// #2
// # 2.1 Saving the data
order date_interview county clid clusterID hhID memberID ///
                hh_weight ind_weight strata1 strata2 strata3 ///
                hh_size
sort  hhID memberID


*==============================================================================
        * NO NEED TO MODIFY THE DOFILE AFTER THIS POINT FOR ANY EPL PROJECT
*==============================================================================

* saving details
local dta_name          "99-01-dataPrep-${cleanedSurveyData_dem_inc}"
local dta_note          "HH survey data cleaned for ${countryName} ${simulationName}
>  assessments (Source: ${surveyName})"

include "${DataCleaningPath}\i-dta-savingDetails.do"    // saving the data with addi
> tional info on notes, labels, etc
*************************
```

```
*===============================================================================
 *2.2. Saving data in the "Microsim/01.Data" folder to be used in the actual microsi
> m assessments later
 *===============================================================================
         /* For the name of the final-data used in the ${simulationName}, however, I
> drop the prefix "99-dataPrep-01-" from the above `dta_name' macro which is the fir
> st 16 characters */
local dta_name  = substr("`dta_name'", 16, .)


**************** Begin data details ****************************************
local author            "Yared Seid"

quietly compress
notes:          "[`dta_name'.do] [${surveyName}: `dta_note'] [`author' ${dataDateSta
> mp}]"
label data       " "     // not to carry over the data label to miscosim data, since
> we don't label data created in the microsim tool


         /* Archiving data signatures */
         if ${ys_archives} ==1 {  // if archives ==1, it puts date stamp
datasignature set, reset saving("${dataDataSignatures}\\1Archived\\`dta_name'-[${dat
> aDateStamp}]", replace)
         }
         /* This part turns the archiving OFF, so it doesn't archive  */
         else if ${ys_archives} !=1 {    // if archive !=1, it DOES NOT put a date st
> amp on log file
datasignature set, reset saving("${dataDataSignatures}\\`dta_name'", replace)
         }

cd "${DataCleaningPath}"                          // Setting relative path to use it i
> n the code right below
save "..\\${simulationName}\\01.Data\\01.PreSimulationData\\01_`dta_name'", replace
>      // Saving the data in the "${simulationName}\\01.Data\\01.PreSimulationData"
> folder

**************** End data details ****************************************

*===============================================================================
*===============================================================================
```