

# Homeless Management Information System Helper in R

November 1, 2017

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getPrimaryPersonalID	<i>Takes Client, removes records where SSNs are invalid, then links the PersonalIDs based upon matching SSNs. The Client is returned with a column called PrimaryPersonalID which should be a more unique identifier than the PersonalID alone.</i>
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## Description

Takes Client, removes records where SSNs are invalid, then links the PersonalIDs based upon matching SSNs. The Client is returned with a column called PrimaryPersonalID which should be a more unique identifier than the PersonalID alone.

## Usage

```
getPrimaryPersonalID(client)
```

## Arguments

dataframe	path to folder containing first CSV set.
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## Examples

```
clientDf2 <- getPrimaryPersonalID(clientDf1)
# Remove the old PersonalID
clientDf2 <- within(clientDf2, rm(PersonalID))
colnames(clientDf2)[1] <- "PersonalID"
# Get a deduplicated Client
clientDf2 <- unique(clientDf2)
```

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mergeHmisCSVs	<i>Merges two HMIS CSV sets.</i>
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**Description**

Merges two HMIS CSV sets.

**Usage**

```
mergeHmisCSVs(dataPathOne, dataPathTwo, pathForCombinedData, feather = FALSE)
```

**Arguments**

string	path to folder containing first CSV set.
string	path to folder containing second CSV set.
string	path to output where merged CSVs will be written.
boolean	save in feather file format. Default is false.

**See Also**

[nchar](#) which this function wraps

**Examples**

```
mergeHmisCSVs('/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016_and_2017')
mergeHmisCSVs('/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016_and_2017'
              feather = TRUE)
```

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trendActivelyHomeless	<i>Merges two HMIS CSV sets.</i>
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**Description**

Merges two HMIS CSV sets.

**Usage**

```
trendActivelyHomeless(allDataPath, dropboxPath, interval = "week",
                      startDate = "", servicesThreshold = 0)
```

**Arguments**

string	path to folder containing first CSV set.
string	path to folder containing second CSV set.
string	path to output where merged CSVs will be written.
boolean	save in feather file format. Default is false.

**See Also**

[nchar](#) which this function wraps

**Examples**

```
mergeHmisCSVs('/Users/user/local/CSV_2016',  
              '/Users/user/local/CSV_2016',  
              '/Users/user/local/CSV_2016_and_2017')  
mergeHmisCSVs('/Users/user/local/CSV_2016',  
              '/Users/user/local/CSV_2016',  
              '/Users/user/local/CSV_2016_and_2017'  
              feather = TRUE)
```

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