

Locating R scripts & Getting into R workspace

1. Locate the R script folder within the program of your interest.

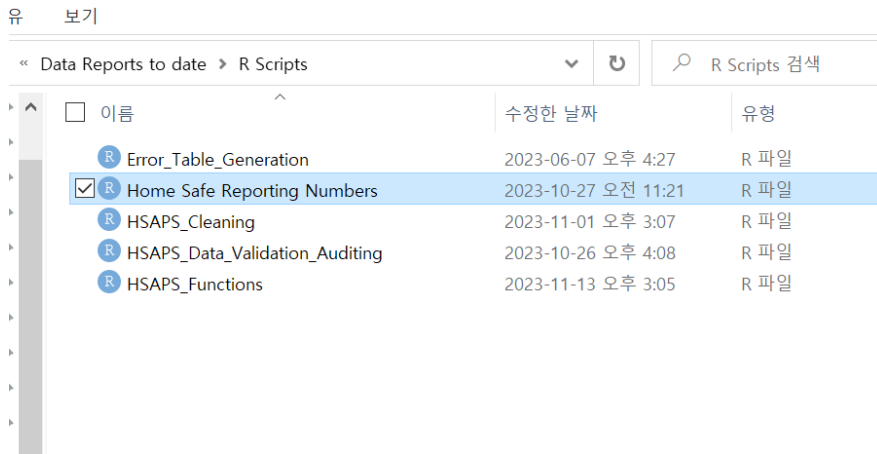
a. Home Safe R script location

Data Reports to date			
공유 보기			
« Data and Evaluation » Data Reports to date		Data Reports to date 검색	
<input type="checkbox"/> 이름	수정된 날짜	유형	
Archive	2023-07-13 오후 5:39	파일 폴더	
Cleaning In Progress	2023-11-09 오전 7:50	파일 폴더	
HSAPS 19 Reports	2023-08-31 오전 10:25	파일 폴더	
<input type="checkbox"/> R Scripts	2023-11-13 오후 2:38	파일 폴더	
HSAPS FY21-22 Q3 2022-6-3	2023-06-20 오후 2:56	Microsoft Excel Mac...	
HSAPS FY21-22 Q4 2022-9-7	2022-09-26 오전 11:35	Microsoft Excel Mac...	
HSAPS FY22-23 Q1 2022-12-19	2023-06-19 오전 11:22	Microsoft Excel Mac...	
HSAPS FY22-23 Q2 2023-4-19	2023-04-19 오후 3:41	Microsoft Excel Mac...	
HSAPS FY22-23 Q3 6-28-23	2023-07-05 오후 5:31	Microsoft Excel Mac...	
HSAPS FY22-23 Q4 2023-8-28	2023-08-29 오후 1:12	Microsoft Excel Mac...	
HSAPS19 36 San Bernardino Q3 2022-2023...	2023-08-02 오전 9:31	Microsoft Excel Wor...	
HSAPS19 43 Santa Clara Q3 2022-2023 Initi...	2023-05-03 오후 4:03	Microsoft Excel Wor...	
HSAPS19 Plumas FY22-23 Q4	2023-08-22 오전 7:57	Microsoft Excel Wor...	

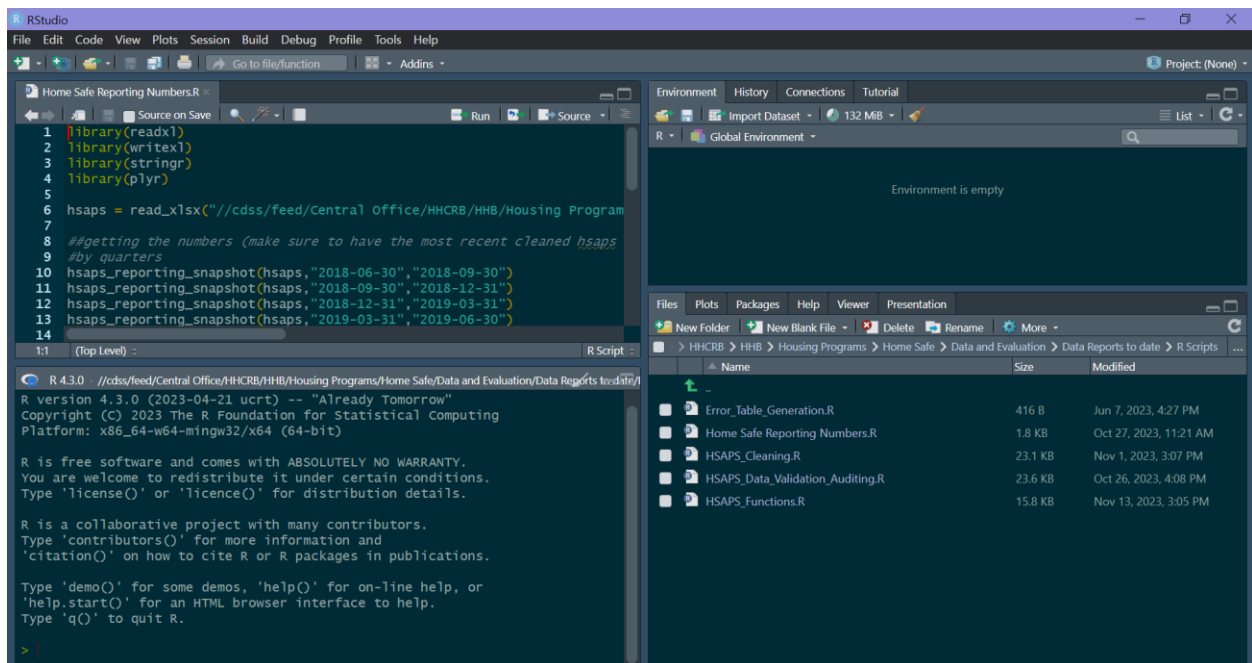
a. HDAP R script location

« HDAP » HDAP Data » HDAP PII 21 Reports »			
		HDAP PII 21 Reports 검색	
<input type="checkbox"/> 이름	수정된 날짜	유형	
Archive	2023-06-27 오전 1:01	파일 폴더	
Cleaning In Progress	2023-11-13 오전 10:57	파일 폴더	
Compiled Reports	2023-10-20 오전 11:34	파일 폴더	
Grantee Reports	2023-09-14 오후 1:18	파일 폴더	
<input type="checkbox"/> R Scripts	2023-11-03 오후 2:59	파일 폴더	
HDAP data for FY 21-22 Comparison	2023-04-18 오후 5:49	Microsoft Excel Wor...	
HDAP FY 22-23 Q4_ChangeWell	2023-09-20 오전 11:13	Microsoft Excel Wor...	
HDAP PII 21- (DCR) (Dry Creek Rancheria) (...)	2022-10-11 오후 4:46	Microsoft Excel Wor...	
HDAP PII FY21-22 Q3 2022-05-25(2)	2022-07-22 오전 9:10	Microsoft Excel Wor...	
HDAP PII FY21-22 Q4 2022-10-13 (for Leg ...)	2022-12-19 오후 12:45	Microsoft Excel Wor...	
HDAP PII FY21-22 Q4 2022-10-13 (for Leg ...)	2023-08-01 오후 2:27	Microsoft Excel Wor...	
HDAP PII FY21-22 Q4 2022-10-13 (for Leg ...)	2022-11-22 오전 9:33	Microsoft Excel Wor...	
HDAP Workbook - updated 11.14.2022 (1) ...	2022-11-21 오전 10:05	Microsoft Excel Wor...	
Kern (15) HDAP PII Q3- Exit Date (7.25.22)	2022-07-25 오전 11:41	Microsoft Word Doc...	
Kern (15) HDAP PII Q3- Exit Date (7.25.22)	2022-07-25 오전 11:42	Adobe Acrobat Doc...	
Riverside County feedback 1.17.22	2023-01-17 오후 2:52	Microsoft Word Doc...	
Rows to check	2023-08-30 오후 5:27	Microsoft Word Doc...	
Stanislaus (50) follow up 1.30.23	2023-01-30 오전 11:21	Microsoft Word Doc...	

2. Click the R file named, “Program Name Reporting Numbers” (ex. Home Safe Reporting Numbers)



3. Your screen would look something like below:



Running the script

1. Install appropriate packages (only need to do the very first time you run R script)
 - a. These are the packages used to run this R script

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function Addins

Home Safe Reporting Numbers.R

```
1 library(readxl)
2 library(writexl)
3 library(stringr)
4 library(plyr)
5
6 hsaps = read_xlsx("//cdss/feed/Central Office/HHCRB/HHB/Housing Program
7
8 ##getting the numbers (make sure to have the most recent cleaned hsaps
9 #by quarters
10 hsaps_reporting_snapshot(hsaps,"2018-06-30","2018-09-30")
11 hsaps_reporting_snapshot(hsaps,"2018-09-30","2018-12-31")
12 hsaps_reporting_snapshot(hsaps,"2018-12-31","2019-03-31")
13 hsaps_reporting_snapshot(hsaps,"2019-03-31","2019-06-30")
14
```

1:1 (Top Level) R Script

R 4.3.0 //cdss/feed/Central Office/HHCRB/HHB/Housing Programs/Home Safe/Data and Evaluation/Data Reports to date/

R version 4.3.0 (2023-04-21 ucrt) -- "Already Tomorrow"
Copyright (C) 2023 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

>

Environment History Connections Tutorial

R - Global Environment

Environment is empty

132 MiB

Files Plots Packages Help Viewer Presentation

New Folder New Blank File Delete Rename More

> HHCRB > HHB > Housing Programs > Home Safe > Data and Evaluation > Data Reports to date > R Scripts

Name	Size	Modified
..		
Error_Table_Generation.R	416 B	Jun 7, 2023, 4:27 PM
Home Safe Reporting Numbers.R	1.8 KB	Oct 27, 2023, 11:21 AM
HSAPS_Cleaning.R	23.1 KB	Nov 1, 2023, 3:07 PM
HSAPS_Data_Validation_Auditing.R	23.6 KB	Oct 26, 2023, 4:08 PM
HSAPS_Functions.R	15.8 KB	Nov 13, 2023, 3:05 PM