Merge Multiple Excel Files in Single Excel Sheet and Excel data import into SPSS

AGRICULTURE DEPARTMENT,
CROP REPORTING SERVICE
PUNJAB

SEARCH AND WRITTEN

BY

GHULAM MUSTAFA

STATISTICAL OFFICER CRS VEHARI DISTICT

0307-3425930

SUPERVISED

BY

1. CH.OMER BASHIER

   ASSISTANT DIRECTOR CRS VEHARI DISTRICT

2. KHADIM HUSSIAN

   STATISTICAL OFFICER CRS VEHARI TEHSIL

Merge Multiple Excel Files in single excel sheet and excel data import into SPSS

- As we know that in acreage survey excel file one sheet has been added (CopyToSPSS).
- Copy to SPSS sheet facilitate us to just copy the data and paste into SPSS sheet.
- It is time consumer job and there may be chance of errors
- For example Mailsi Tehsil has 80 segments and we will collect 80 acreage survey excel files we will open 80 files one by one and just copy the data and paste into SPSS sheet .there may be chance we cannot copy all the required cells and cannot paste in the required cells of SPSS Sheet. May be we can copy a village data more than one
- To minimize the chance of errors we will avoided from copy paste technique .we just merge all files in one excel sheet and this excel sheet import into SPSS.

How?

- It is very easy way, first of all we will download an "RDBMerge" utility using the given link

https://www.rondebruin.nl/win/addins/rdbmerge.htm

- After downloading RDBMerge" utility will be add in the excel using the following steps
- Open the excel sheet
- Go to

File

Options

Add Ins

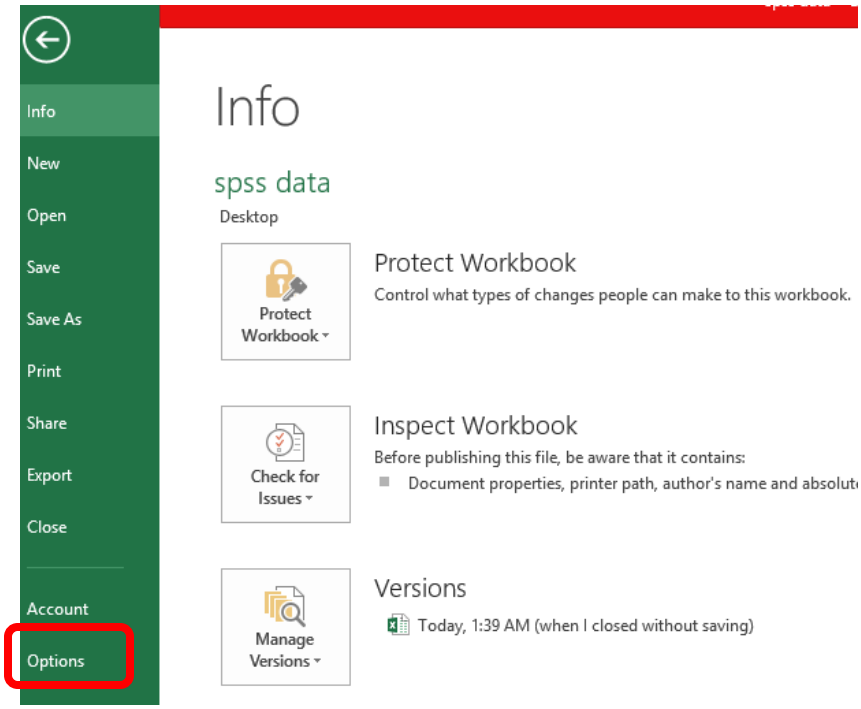


Figure 1

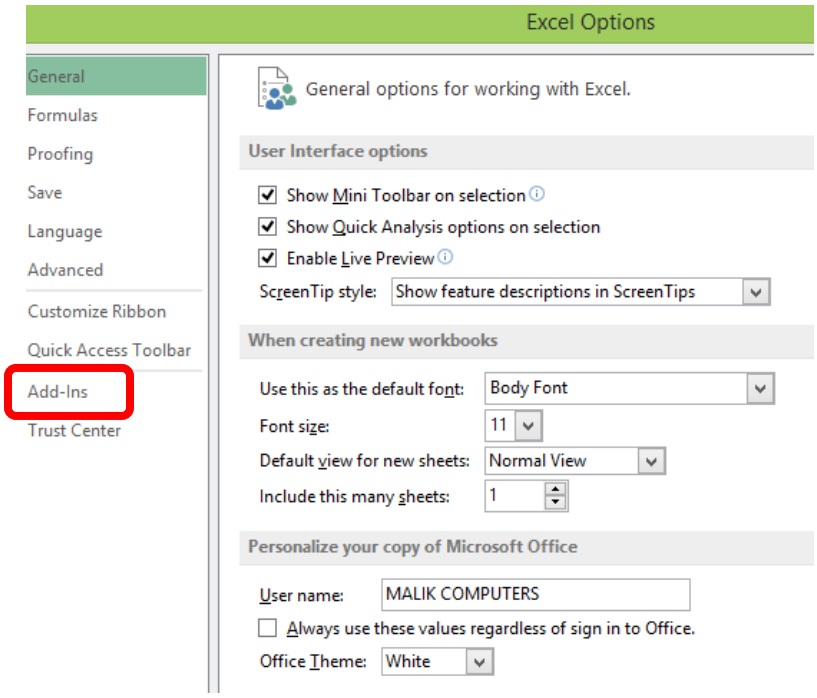


Figure 2

- Click on “Add Ins” and then click on “Go”
- Use “Browse” to go to the add-in and then click on OK. Verify RDBMerge is checked in the add-in list and then click OK.

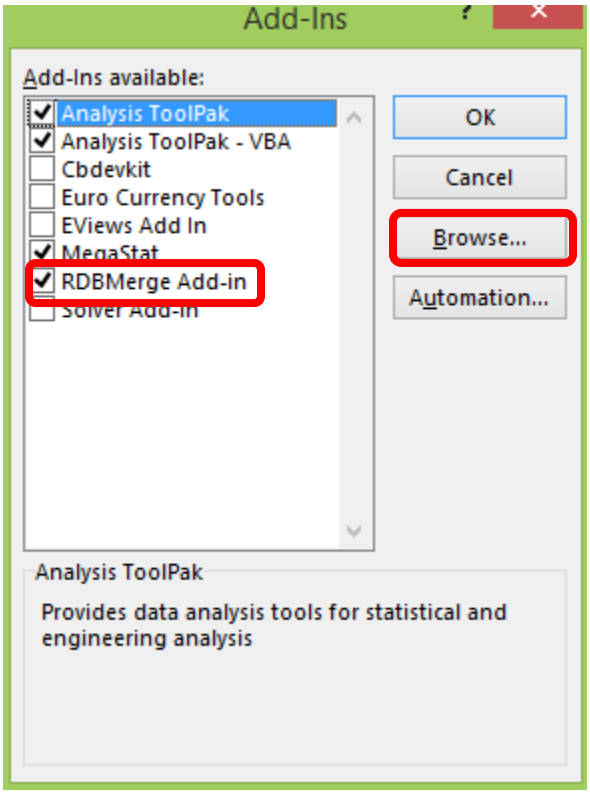


Figure 3

- After adding RDBMerge will be appear in data option

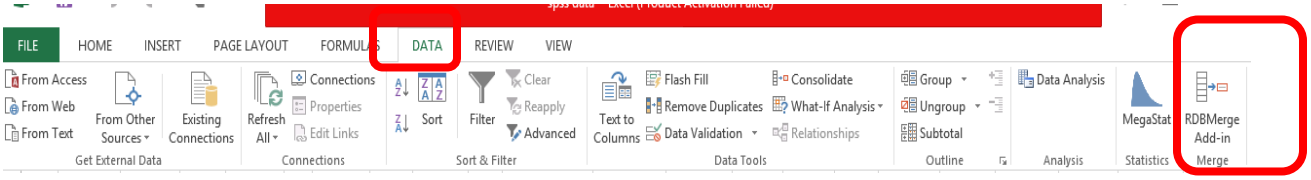
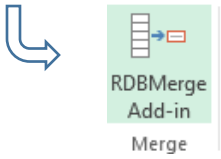


Figure 4

- Save all files of acreage survey in a folder
- After save all files in a folder then
- Open the new excel sheet
- Go to

Data



- Click on "RDBMerge Add-in" the following box will be open

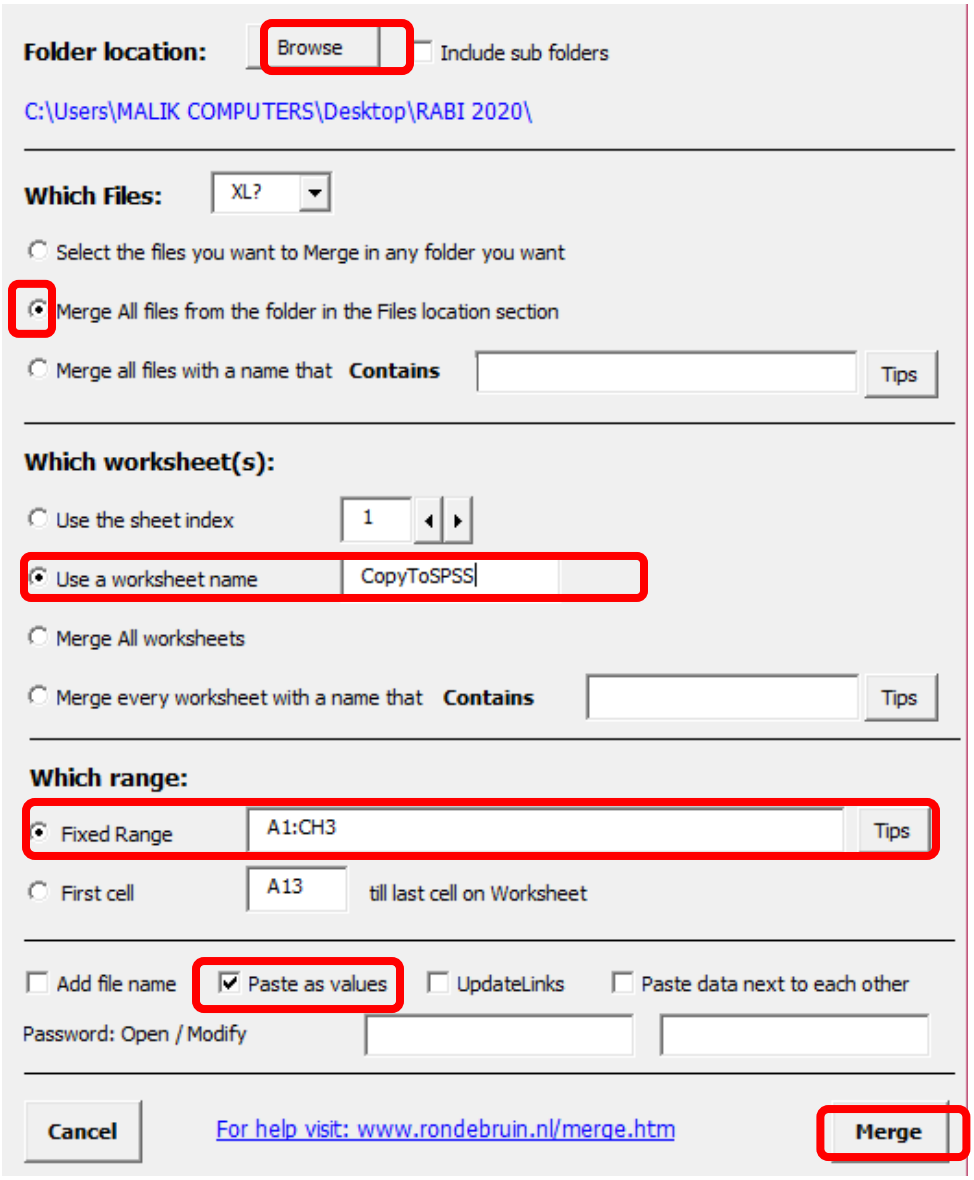


Figure 5

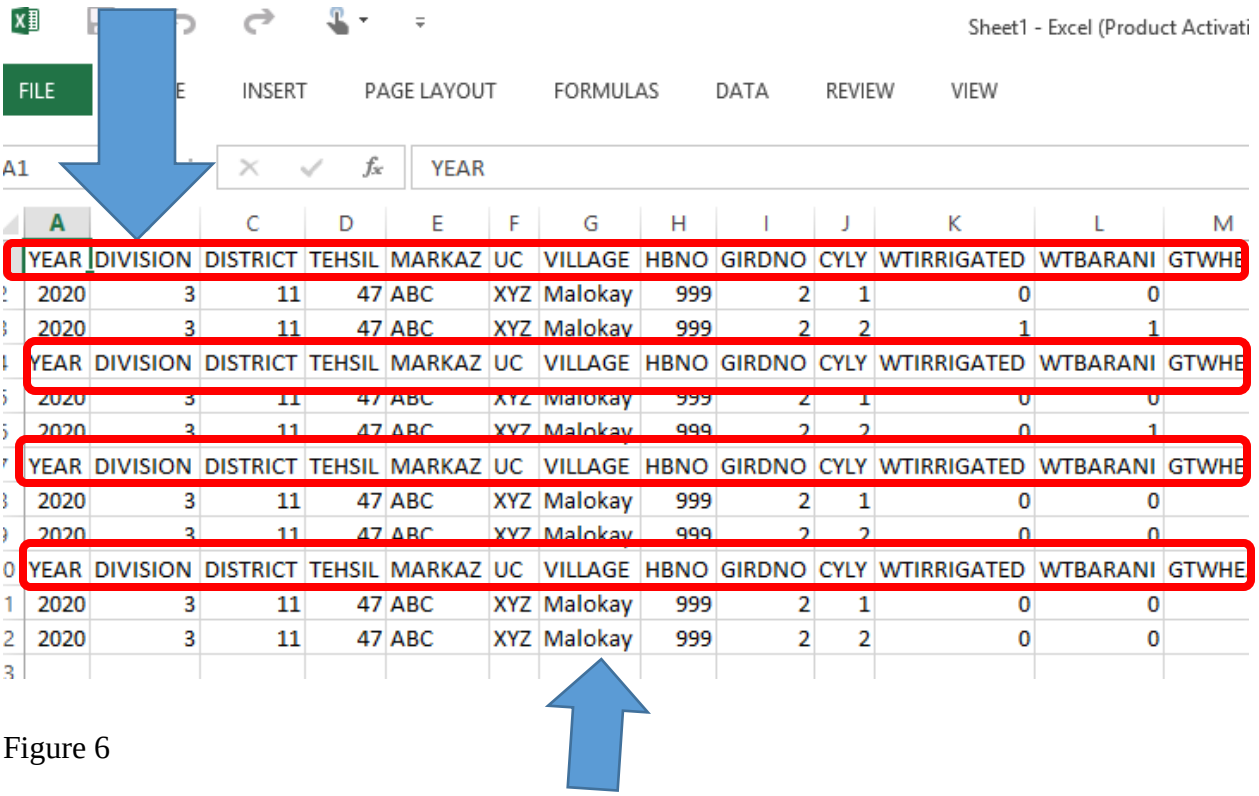
- **Folder Location:**
  In the folder location section click on the Browse button and select the folder with the files you want to merge. After you do that you see the path returned in the User Form.
- **Which Files:**
  In the section "Which Files" select the type of files in the dropdown that you want to merge. If you use the first option "XL?" it will merge all type of Excel files with an extension that start with XL (xls, xlsx, xlsm, xlsb).
- **Which worksheet(s):**
  In this section you have the option to choose the worksheet by index or name. In our case we choose the "use a work sheet name "option and type sheet name which is 

- **Which range:**
  

  Sheet has data from A1 to CH3 .So select the Mix range opetion and given the range from A1 to CH3.

- Uncheck add file name and check paste as values.
- Finally click on Merge option
- All data from the excel files will be merge in single excel sheet.

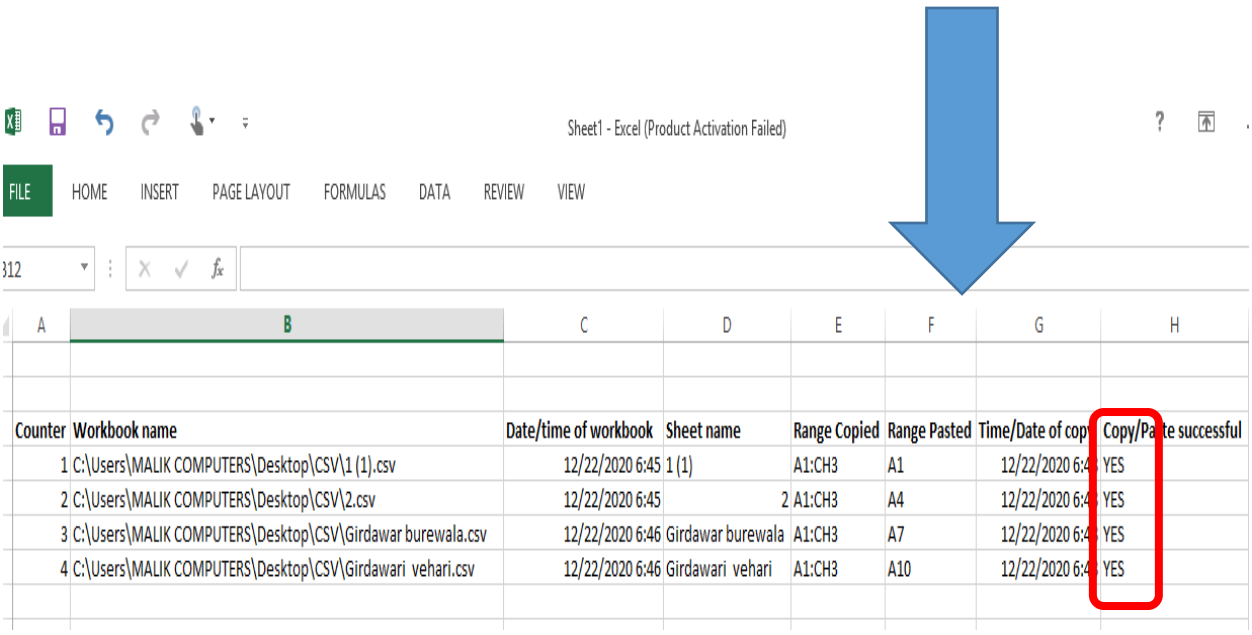
Like Figure 8



YEAR	DIVISION	DISTRICT	TEHSIL	MARKAZ	UC	VILLAGE	HBNO	GIRDNO	CYLY	WTIRRIGATED	WTBARANI	GTWHE
2020	3	11	47	ABC	XYZ	Malokay	999	2	1	0	0	
2020	3	11	47	ABC	XYZ	Malokay	999	2	2	1	1	
YEAR	DIVISION	DISTRICT	TEHSIL	MARKAZ	UC	VILLAGE	HBNO	GIRDNO	CYLY	WTIRRIGATED	WTBARANI	GTWHE
2020	3	11	47	ABC	XYZ	Malokay	999	2	1	0	0	
2020	3	11	47	ABC	XYZ	Malokay	999	2	2	0	1	
YEAR	DIVISION	DISTRICT	TEHSIL	MARKAZ	UC	VILLAGE	HBNO	GIRDNO	CYLY	WTIRRIGATED	WTBARANI	GTWHE
2020	3	11	47	ABC	XYZ	Malokay	999	2	1	0	0	
2020	3	11	47	ABC	XYZ	Malokay	999	2	2	0	0	
YEAR	DIVISION	DISTRICT	TEHSIL	MARKAZ	UC	VILLAGE	HBNO	GIRDNO	CYLY	WTIRRIGATED	WTBARANI	GTWHE
2020	3	11	47	ABC	XYZ	Malokay	999	2	1	0	0	
2020	3	11	47	ABC	XYZ	Malokay	999	2	2	0	0	

Figure 6

There will be generated two sheets one is combine sheet and second is log sheet

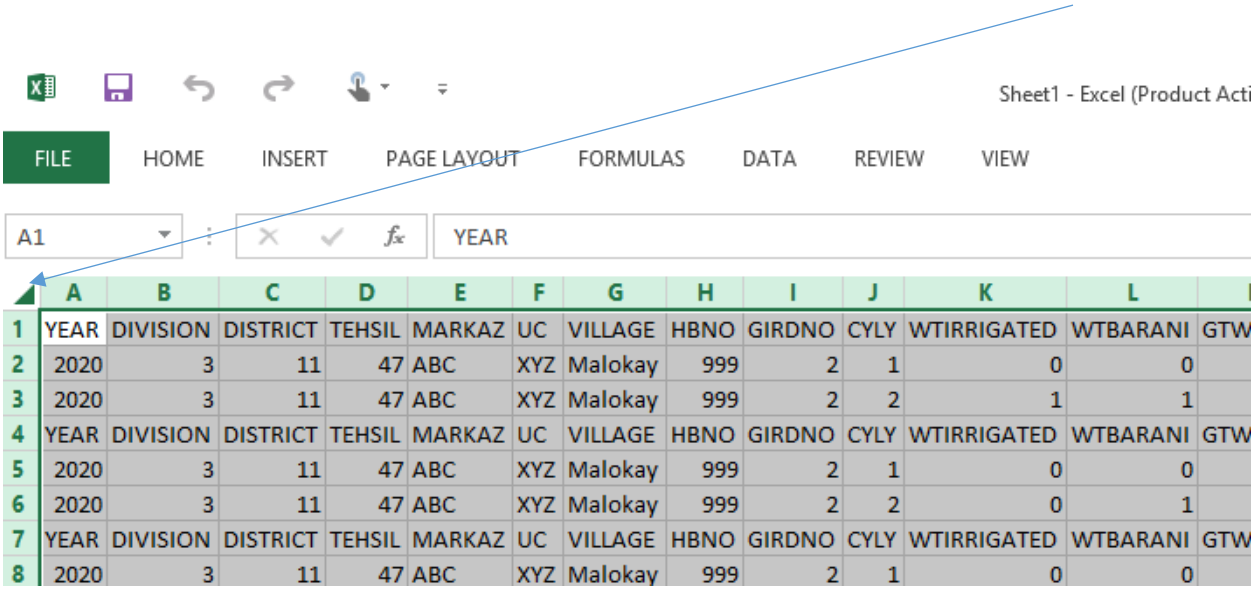


Counter	Workbook name	Date/time of workbook	Sheet name	Range Copied	Range Pasted	Time/Date of cop	Copy/Pa te successful
1	C:\Users\MALIK COMPUTERS\Desktop\CSV\1 (1).csv	12/22/2020 6:45	1 (1)	A1:CH3	A1	12/22/2020 6:4	YES
2	C:\Users\MALIK COMPUTERS\Desktop\CSV\2.csv	12/22/2020 6:45	2	A1:CH3	A4	12/22/2020 6:4	YES
3	C:\Users\MALIK COMPUTERS\Desktop\CSV\Girdawar burewala.csv	12/22/2020 6:46	Girdawar burewala	A1:CH3	A7	12/22/2020 6:4	YES
4	C:\Users\MALIK COMPUTERS\Desktop\CSV\Girdawari vehari.csv	12/22/2020 6:46	Girdawari vehari	A1:CH3	A10	12/22/2020 6:4	YES

Figure7

- Figure 6 shows that there are many duplicated cases.
- For removing the duplicated cases ,first select the all the data.

- For the selection of all data click here

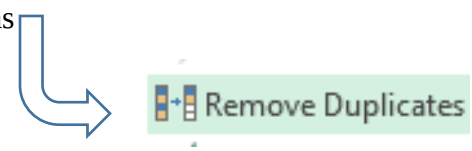


	A	B	C	D	E	F	G	H	I	J	K	L
1	YEAR	DIVISION	DISTRICT	TEHSIL	MARKAZ	UC	VILLAGE	HBNO	GIRDNO	CYLY	WTIRRIGATED	WTBARANI
2	2020	3	11	47	ABC	XYZ	Malokay	999	2	1	0	0
3	2020	3	11	47	ABC	XYZ	Malokay	999	2	2	1	1
4	YEAR	DIVISION	DISTRICT	TEHSIL	MARKAZ	UC	VILLAGE	HBNO	GIRDNO	CYLY	WTIRRIGATED	WTBARANI
5	2020	3	11	47	ABC	XYZ	Malokay	999	2	1	0	0
6	2020	3	11	47	ABC	XYZ	Malokay	999	2	2	0	1
7	YEAR	DIVISION	DISTRICT	TEHSIL	MARKAZ	UC	VILLAGE	HBNO	GIRDNO	CYLY	WTIRRIGATED	WTBARANI
8	2020	3	11	47	ABC	XYZ	Malokay	999	2	1	0	0

Figure 8

- For removing the duplicate cases
- Go to

Datas



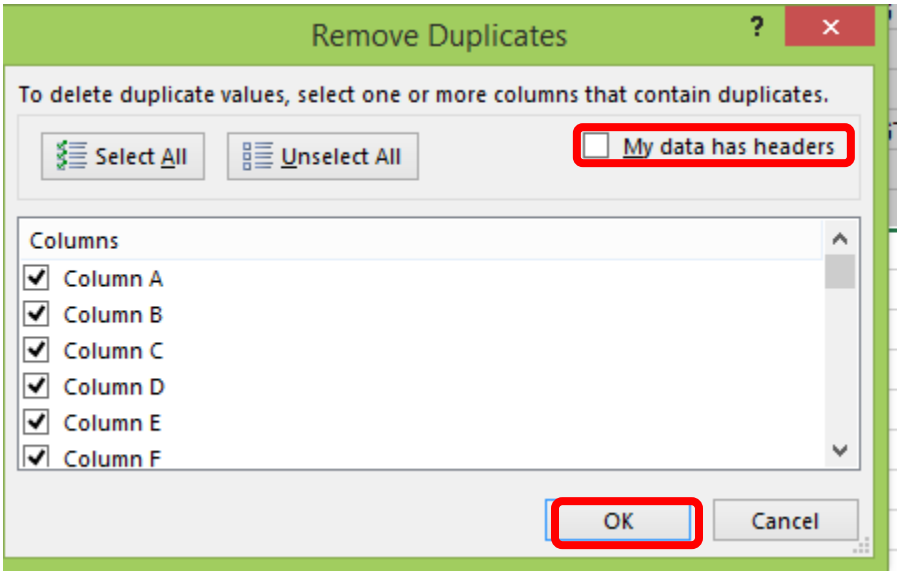


Figure 9

- Uncheck “My data has headers “and click ok

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	YEAR	DIVISION	DISTRICT	TEHSIL	MARKAZ	UC	VILLAGE	HBNO	GIRDNO	CYLY	WTIRRIGATED	WTBARANI	GTWHEAT	BARLE
2	2021	7	30	112	Vehari	9	15/W.B	212	1	1	815.15	0	815.15	
3	2021	7	30	112	Vehari	9	15/W.B	212	1	2	744	0	744	
4	2021	7	30	112	Luddon	24	56/KB	174	1	1	468.5	0	468.5	
5	2021	7	30	112	Luddon	24	56/KB	174	1	2	517	0	517	
6	2021	7	30	112	Luddan	25	Bhano	172	1	1	560.55	0	560.55	
7	2021	7	30	112	Luddan	25	Bhano	172	1	2	355	0	355	
8	2021	7	30	112	Luddan	25	Jatera No Bramand	233	1	1	300.75	0	300.75	
9	2021	7	30	112	Luddan	25	Jatera No Bramand	233	1	2	201	0	201	
10	2021	7	30	112	Luddan	25	Lakha	235	1	1	480.65	0	480.65	
11	2021	7	30	112	Luddan	25	Lakha	235	1	2	444	0	444	
12	2021	7	30	112	Luddan	25	Mian Hakim Ali	234	1	1	365.1	0	365.1	
13	2021	7	30	112	Luddan	25	Mian Hakim Ali	234	1	2	315	0	315	
14	2021	7	30	112	Luddan	25	Tajwana	178	1	1	375.95	0	375.95	
15	2021	7	30	112	Luddan	25	Tajwana	178	1	2	359	0	359	

Figure 10

- Figure 10 shows the resulting file after removing the duplicate cases.

Import Excel file into SPSS

Method 1

- Select and remove the row one in figure 10
- Copy the remaining the data
- Open the Acreage SPSS Master File
- Paste the data

Method 2

- Save the excel file(figure 10)
- Open the acreage survey SPSS file .Then
- Go to

Note: For method two use the latest version of SPSS like 23

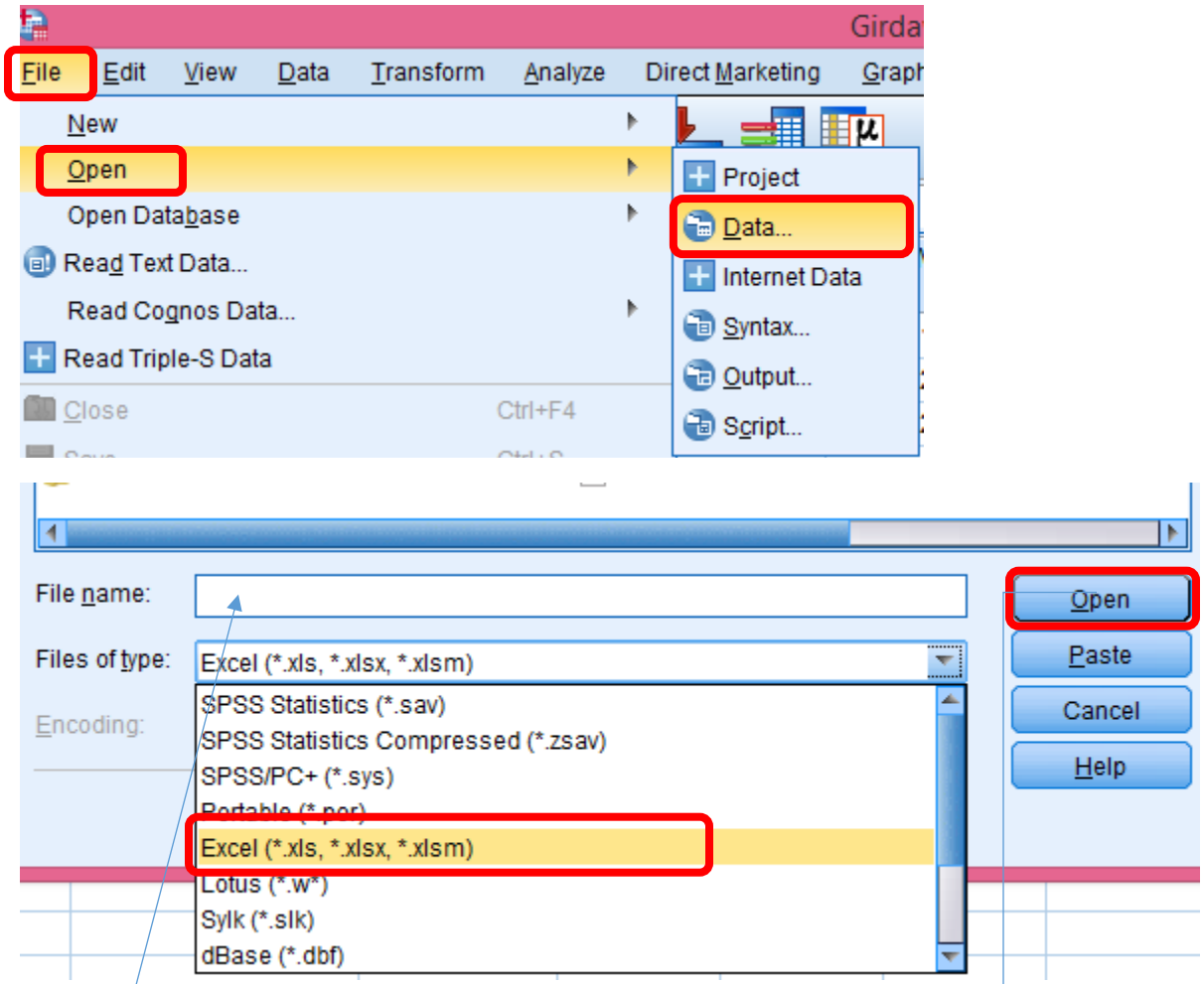


Figure 11

Research required excel file

Click on

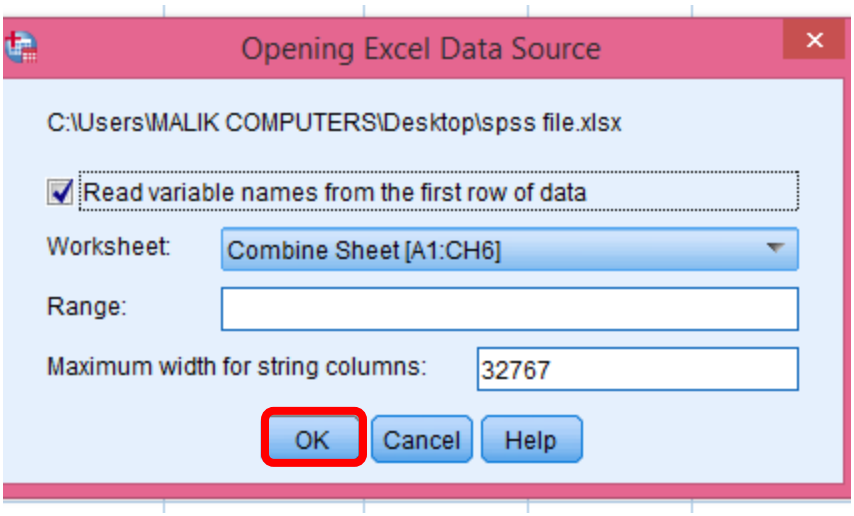
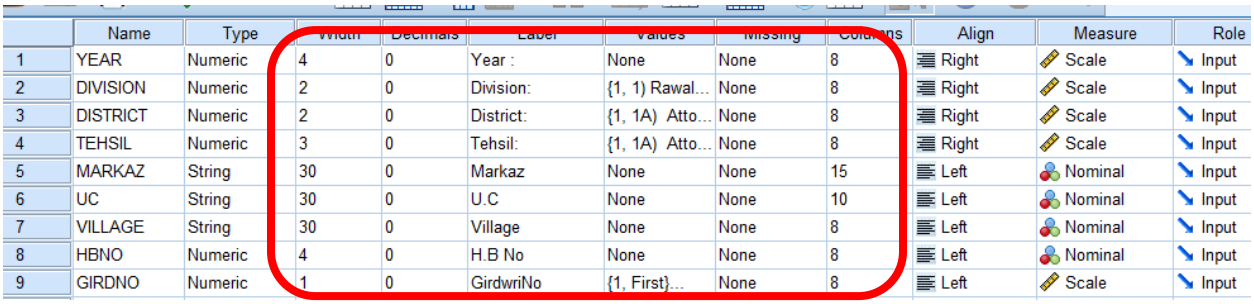


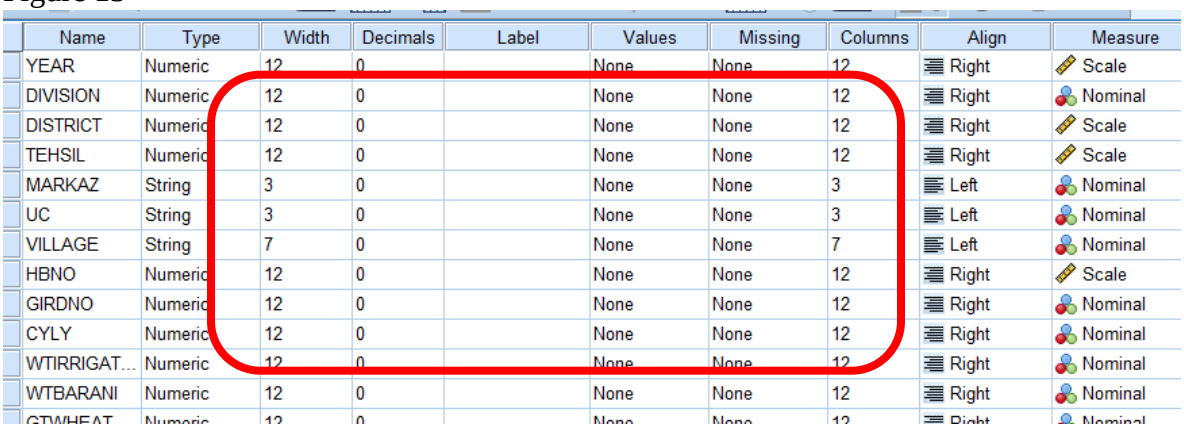
Figure 12

- Click ok the excel file will be open in the SPSS file
- But the actual data properties will be hidden
- Figure 12 shows that the actual variable view of acreage survey SPSS file.
- Figure 13 shows that variable view after importing the excel file.



	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure	Role
1	YEAR	Numeric	4	0	Year :	None	None	8	Right	Scale	Input
2	DIVISION	Numeric	2	0	Division:	{1, 1) Rawal...	None	8	Right	Scale	Input
3	DISTRICT	Numeric	2	0	District:	{1, 1A) Atto...	None	8	Right	Scale	Input
4	TEHSIL	Numeric	3	0	Tehsil:	{1, 1A) Atto...	None	8	Right	Scale	Input
5	MARKAZ	String	30	0	Markaz	None	None	15	Left	Nominal	Input
6	UC	String	30	0	U.C	None	None	10	Left	Nominal	Input
7	VILLAGE	String	30	0	Village	None	None	8	Left	Nominal	Input
8	HBNO	Numeric	4	0	H.B No	None	None	8	Left	Nominal	Input
9	GIRDNO	Numeric	1	0	GirdwriNo	{1, First}...	None	8	Left	Scale	Input

Figure 13



Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
YEAR	Numeric	12	0		None	None	12	Right	Scale
DIVISION	Numeric	12	0		None	None	12	Right	Nominal
DISTRICT	Numeric	12	0		None	None	12	Right	Scale
TEHSIL	Numeric	12	0		None	None	12	Right	Scale
MARKAZ	String	3	0		None	None	3	Left	Nominal
UC	String	3	0		None	None	3	Left	Nominal
VILLAGE	String	7	0		None	None	7	Left	Nominal
HBNO	Numeric	12	0		None	None	12	Right	Scale
GIRDNO	Numeric	12	0		None	None	12	Right	Nominal
CYLY	Numeric	12	0		None	None	12	Right	Nominal
WTIRRIGAT...	Numeric	12	0		None	None	12	Right	Nominal
WTBARANI	Numeric	12	0		None	None	12	Right	Nominal
GTWHEAT	Numeric	12	0		None	None	12	Right	Nominal

Figure 14

- For coming back the actual data properties
- Go to

Data → Copy Data Properties

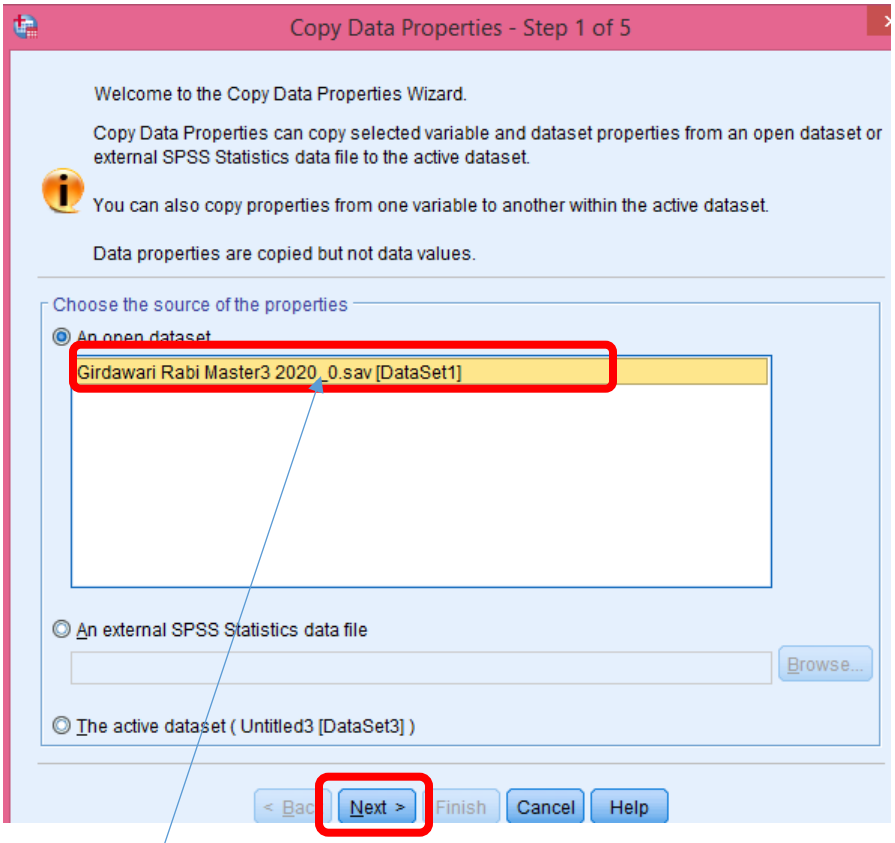


Figure 15

- Click here then click next
- There is five steps just click next at every step and in last step click on finish.
- All data properties have come back but width of string variable is not

Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
YEAR	Numeric	4	0	Year :	None	None	8	Right	Scale
DIVISION	Numeric	2	0	Division:	{1, 1) Rawal...	None	8	Right	Scale
DISTRICT	Numeric	2	0	District:	{1, 1A) Atto...	None	8	Right	Scale
TEHSIL	Numeric	3	0	Tehsil:	{1, 1A) Atto...	None	8	Right	Scale
MARKAZ	String	3	0		None	None	3	Left	Nominal
UC	String	3	0		None	None	3	Left	Nominal
VILLAGE	String	7	0		None	None	7	Left	Nominal
HBNO	Numeric	4	0	H.B No	None	None	8	Left	Nominal
GIRDNO	Numeric	1	0	GirdwriNo	{1, First}...	None	8	Left	Scale
CYLY	Numeric	1	0	CY-LY	{1, C.Y}...	None	8	Left	Scale
WTIRRIGAT...	Numeric	8	0	Irrigated	None	None	8	Left	Scale

- For this
- Go to

Figure 16

Data

Adjust String Widths across Files

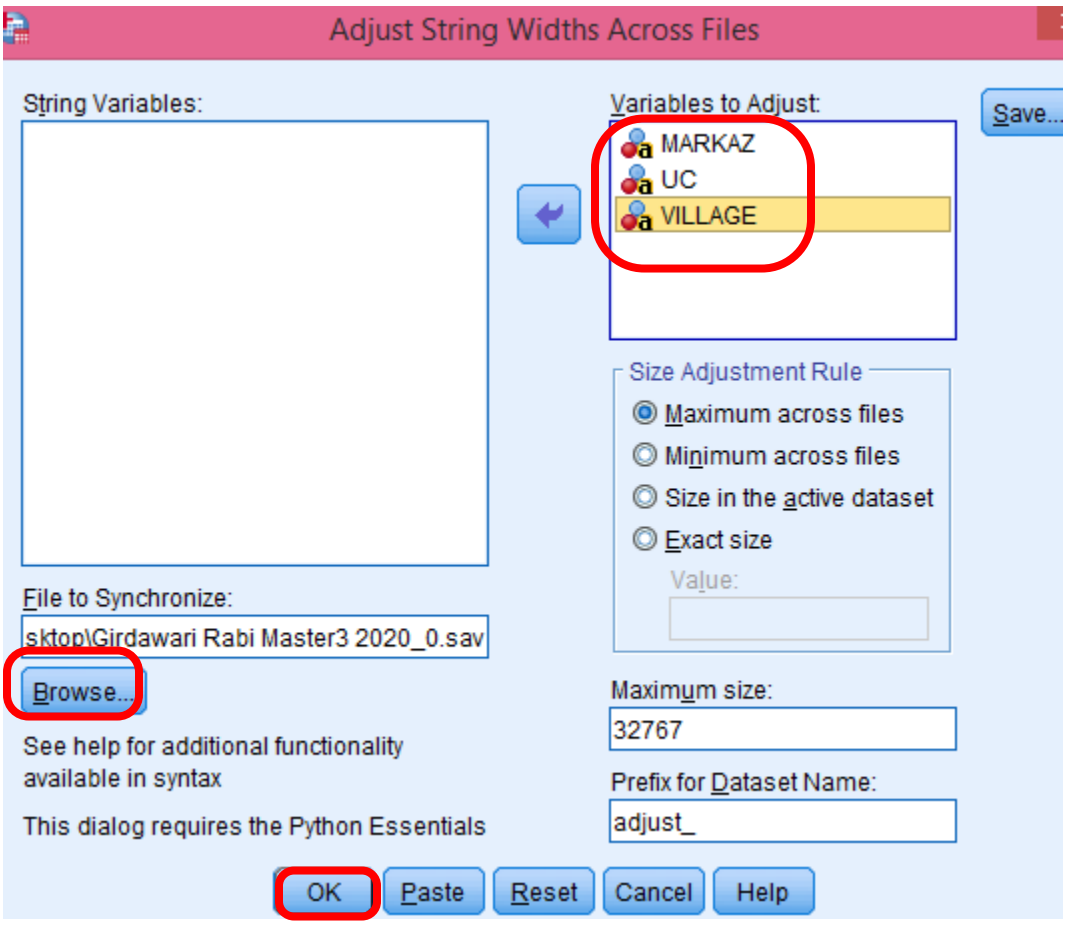
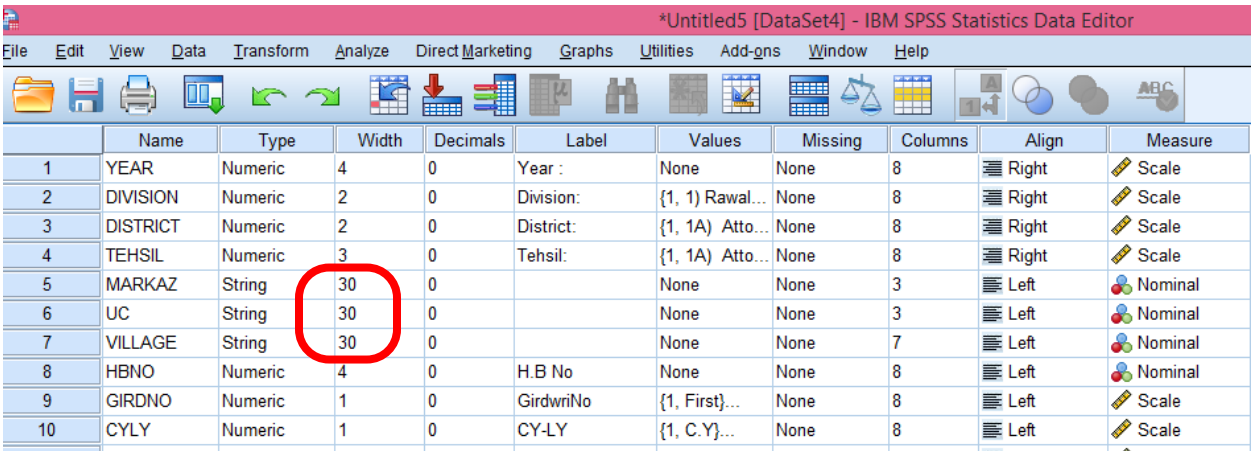


Figure 17



	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1	YEAR	Numeric	4	0	Year :	None	None	8	Right	Scale
2	DIVISION	Numeric	2	0	Division:	{1, 1) Rawal...	None	8	Right	Scale
3	DISTRICT	Numeric	2	0	District:	{1, 1A) Atto...	None	8	Right	Scale
4	TEHSIL	Numeric	3	0	Tehsil:	{1, 1A) Atto...	None	8	Right	Scale
5	MARKAZ	String	30	0		None	None	3	Left	Nominal
6	UC	String	30	0		None	None	3	Left	Nominal
7	VILLAGE	String	30	0		None	None	7	Left	Nominal
8	HBNO	Numeric	4	0	H.B No	None	None	8	Left	Nominal
9	GIRDNO	Numeric	1	0	GirdwriNo	{1, First}...	None	8	Left	Scale
10	CYLY	Numeric	1	0	CY-LY	{1, C.Y}...	None	8	Left	Scale

Figure 18

- Finally save the SPSS file

----------END----------