

Getting Started with SPSS

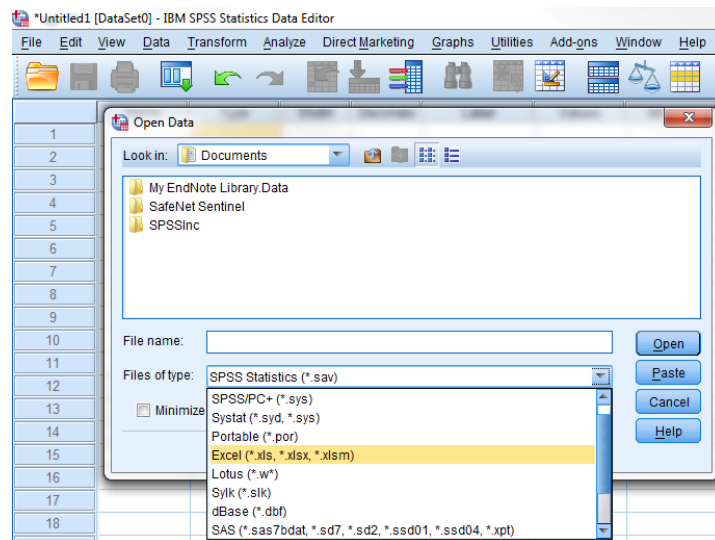
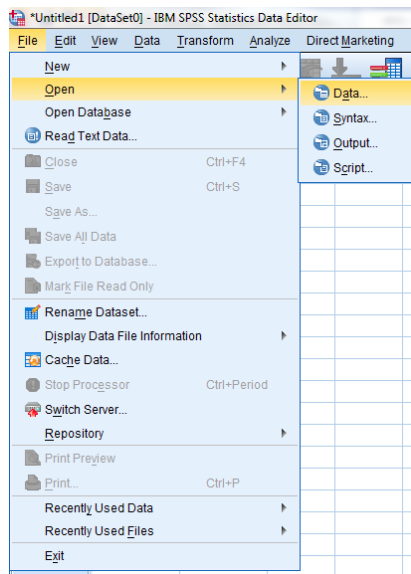
Dataset: Lab1_In Class Exercise

	A	B	C
1	Names	Original Question	Values
2	ID	Student ID	
3	AcademicHour	Q6. How many hours a week do you usually spend outside of class on activities related to your academic program, such as studying, writing, reading, lab-work, rehearsing etc?	
4	Library	Q9_1In the past semester, how often have you done the following college activity? - Used library as a quiet place to read or study materials you brought with you	1=Never 2=Occasionally 3=Often 4=Very Often
5			

1. What are the three variables in this dataset?

Variable	Categorical or Continuous?	Levels of Measurement
Student ID	Categorical	Nominal
Hours spent on Academic Activities outside class	Continuous	Ratio
How often one has used the library.	Categorical	Ordinal

- Open/Import/Read Dataset: File -> Open -> Data. Select **Excel** from Files of type to show the file you're looking for. Click **Open**, select the option "Read variable names from the first row of the data", click **OK**.



Worksheet: **Variables [A1:C19]**

Range:

☒ Read variable names from first row of data

☒ Percentage of values that determine data type:

☒ Ignore hidden rows and columns

☐ Remove leading spaces from string values

☐ Remove trailing spaces from string values

Preview

	ID	Acade...	Library
1	1	5	Often
2	2	30	Very often
3	3	10	Occasion...
4	4	10	Often
5	5	5	Often
6	6	18	Very often
7	7	22	Never

i Final data type is based on all data and can be different from the preview, which is based on the first 200 data row only the first 500 columns.

OK

Paste

Reset

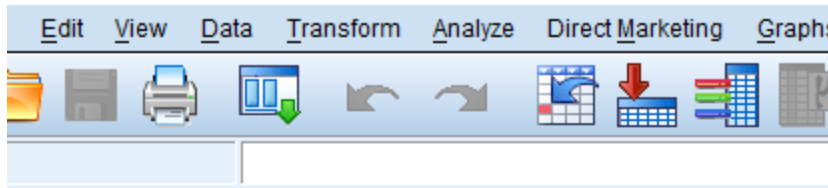
Cancel

Help

Another way that you can do this is by using: File -> Import Data -> Excel

Take a screenshot of your dataset after it opens and paste it below:

Lab_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

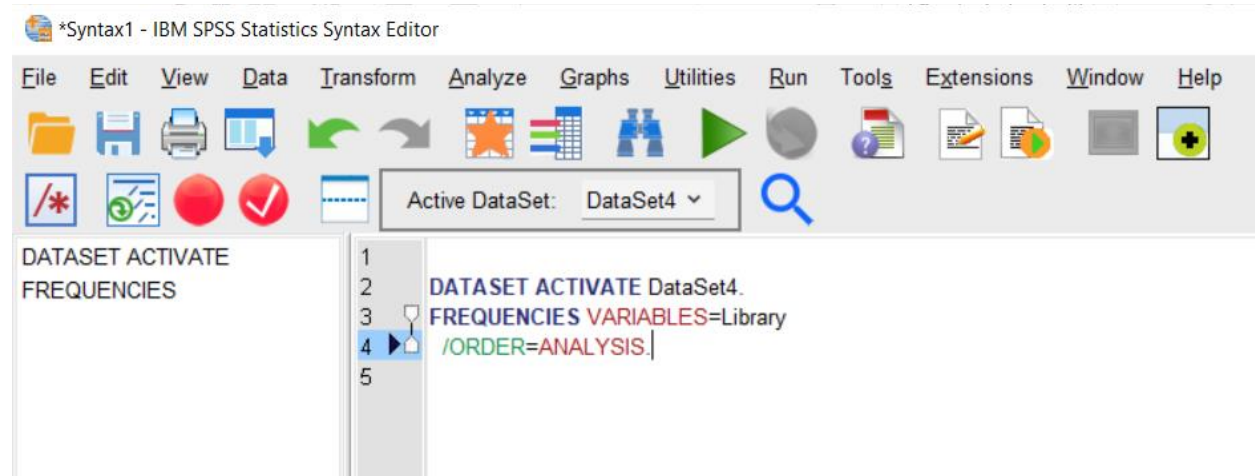
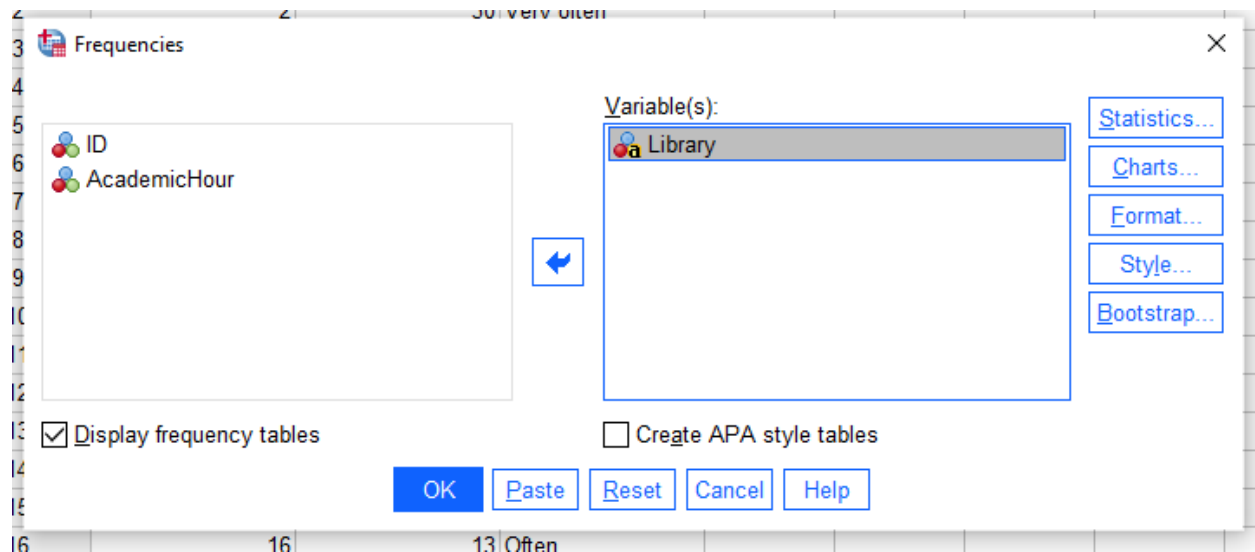


	ID	AcademicHour	Library
1	1.0	5.0	Often
2	2.0	30.0	Very often
3	3.0	10.0	Occasionally
4	4.0	10.0	Often
5	5.0	5.0	Often
6	6.0	18.0	Very often
7	7.0	22.0	Never
8	8.0	.0	Occasionally
9	9.0	30.0	Occasionally
10	10.0	6.0	Very often
11	11.0	10.0	Never
12	12.0	20.0	Occasionally
13	13.0	8.0	Occasionally
14	14.0	15.0	Occasionally
15	15.0	20.0	Never
16	16.0	13.0	Often
17	17.0	14.0	Often
18	18.0	26.0	Often
19			

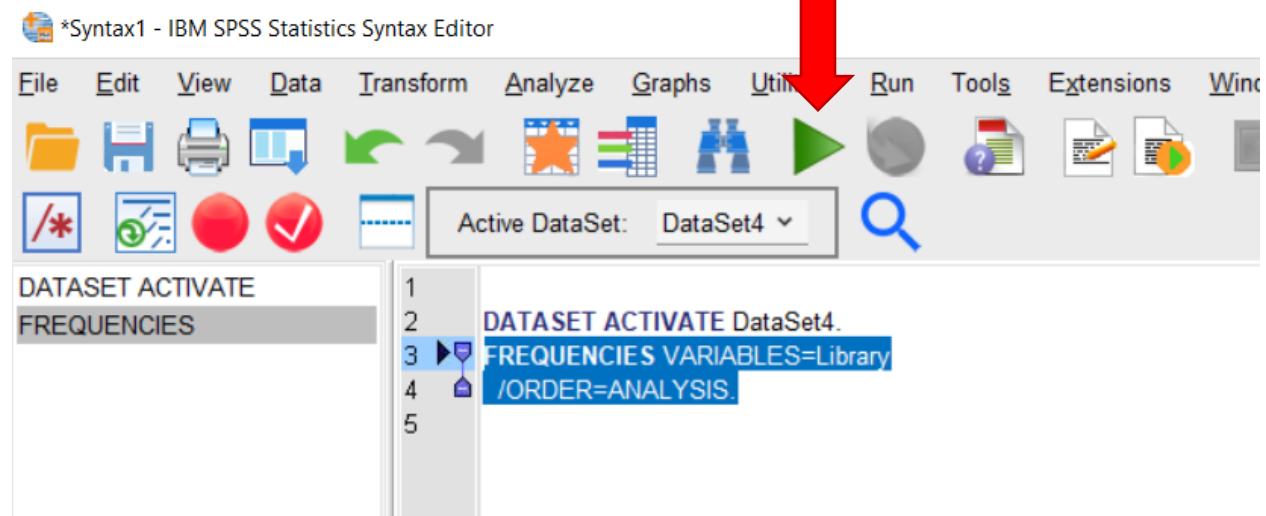
3. Saving your dataset: File -> Save as -> Save.

Save the file onto your desktop as a .sav and upload it to Black Board with this document.

4. Past and Syntax: Analyze -> Descriptive Statistics -> Frequencies -> Move "Library" into "Variable(s)" -> select "Display frequency tables" -> PASTE.

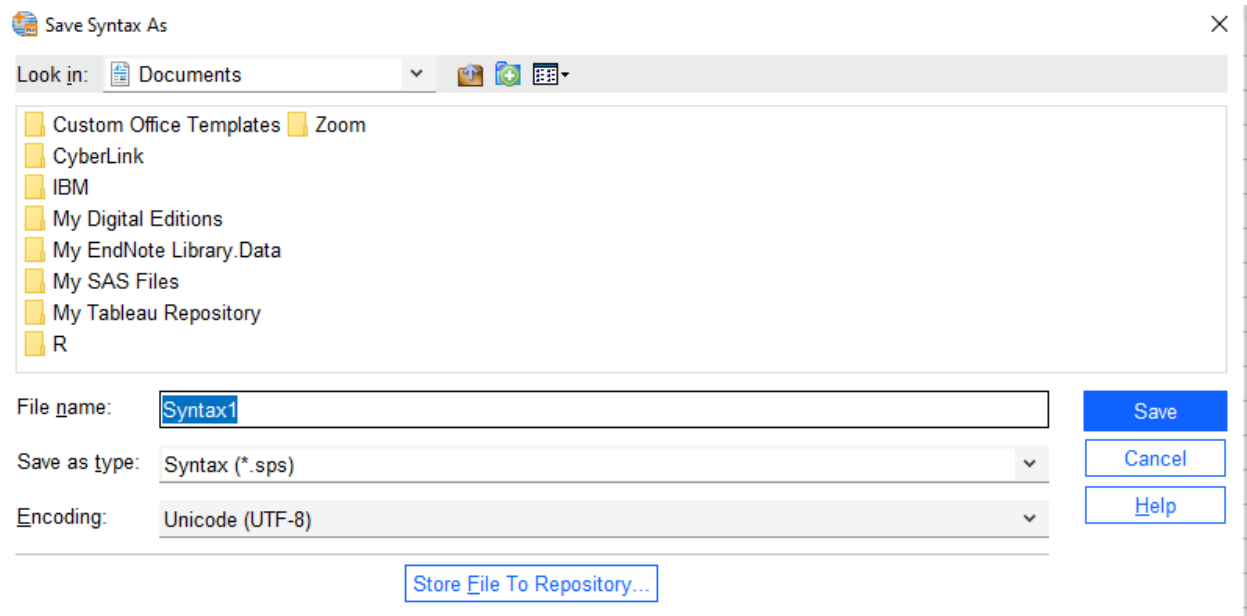


5. Highlight the syntax and click the run button.



If you want to add notes to your syntax, '*' at the beginning and "." At the end of the text will allow you to insert text that will not be read as syntax.

6. Save your syntax (.sps): In the syntax editor go to File -> Save as...



Save your syntax and upload it with this file.

7. Output (.spv):

➔ Frequencies

Statistics

Library

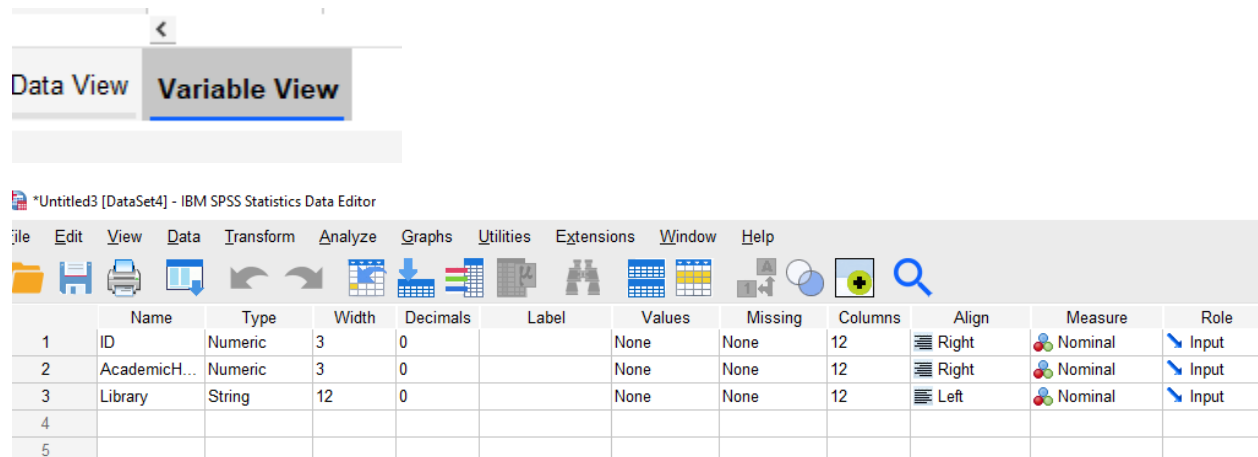
N	Valid	18
	Missing	0

Library

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Never	3	16.7	16.7	16.7
	Occasionally	6	33.3	33.3	50.0
	Often	6	33.3	33.3	83.3
	Very often	3	16.7	16.7	100.0
	Total	18	100.0	100.0	

Save your output and upload it along with this document.

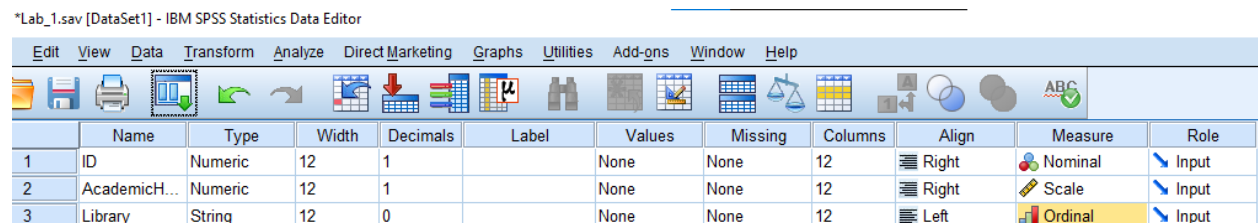
8. Double check your variables using the “Variable View” tab.



The screenshot shows the SPSS Variable View tab for a dataset named *Untitled3 [DataSet4]. The interface includes a menu bar (File, Edit, View, Data, Transform, Analyze, Graphs, Utilities, Extensions, Window, Help) and a toolbar with various icons. The main area displays a table of variable definitions:

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure	Role
1	ID	Numeric	3	0		None	None	12	Right	Nominal	Input
2	AcademicH...	Numeric	3	0		None	None	12	Right	Nominal	Input
3	Library	String	12	0		None	None	12	Left	Nominal	Input
4											
5											

Change your “Measures” to the correct option and paste a screenshot below:



The screenshot shows the SPSS Variable View tab for a dataset named *Lab_1.sav [DataSet1]. The interface includes a menu bar (Edit, View, Data, Transform, Analyze, Direct Marketing, Graphs, Utilities, Add-ons, Window, Help) and a toolbar. The main area displays a table of variable definitions with updated measure types:

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure	Role
1	ID	Numeric	12	1		None	None	12	Right	Nominal	Input
2	AcademicH...	Numeric	12	1		None	None	12	Right	Scale	Input
3	Library	String	12	0		None	None	12	Left	Ordinal	Input