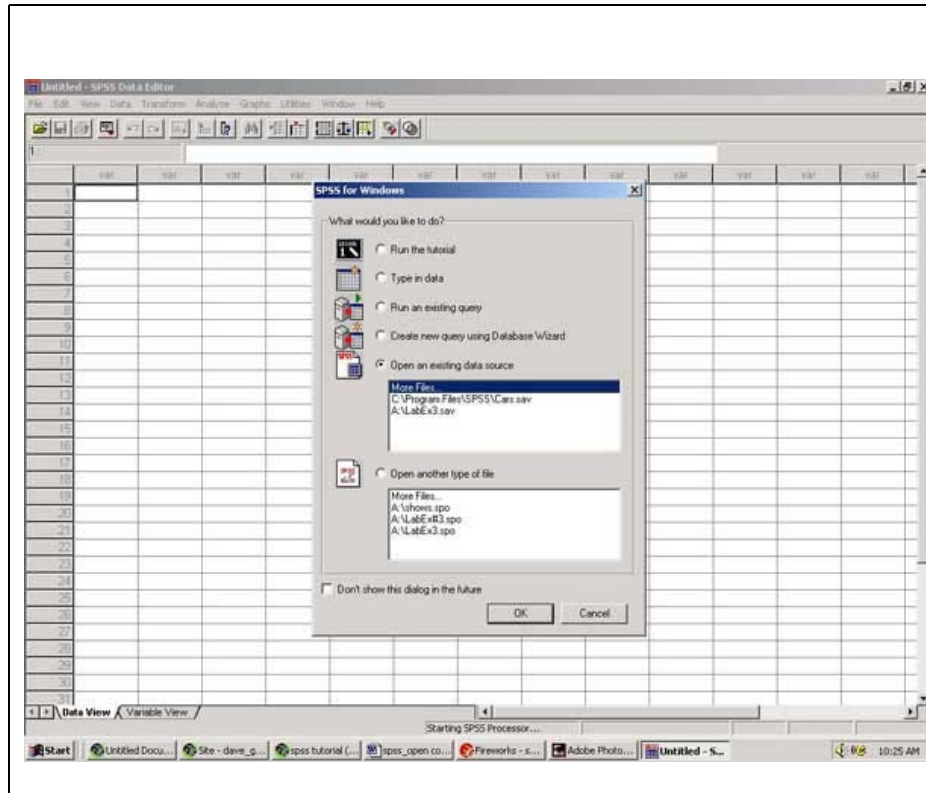


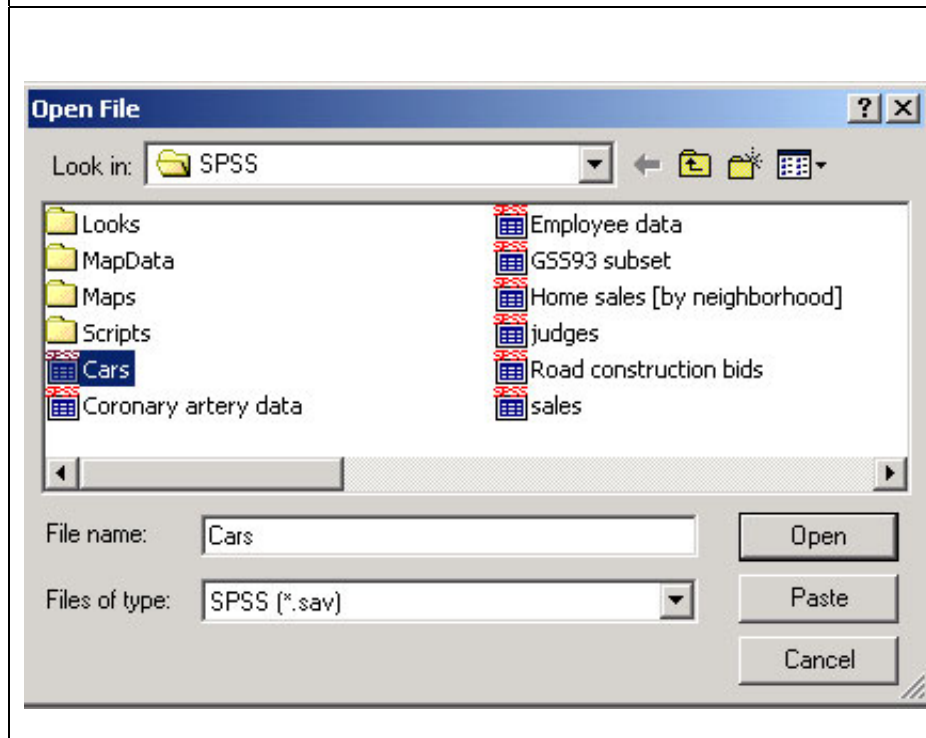
# SPSS Tutorial # Two



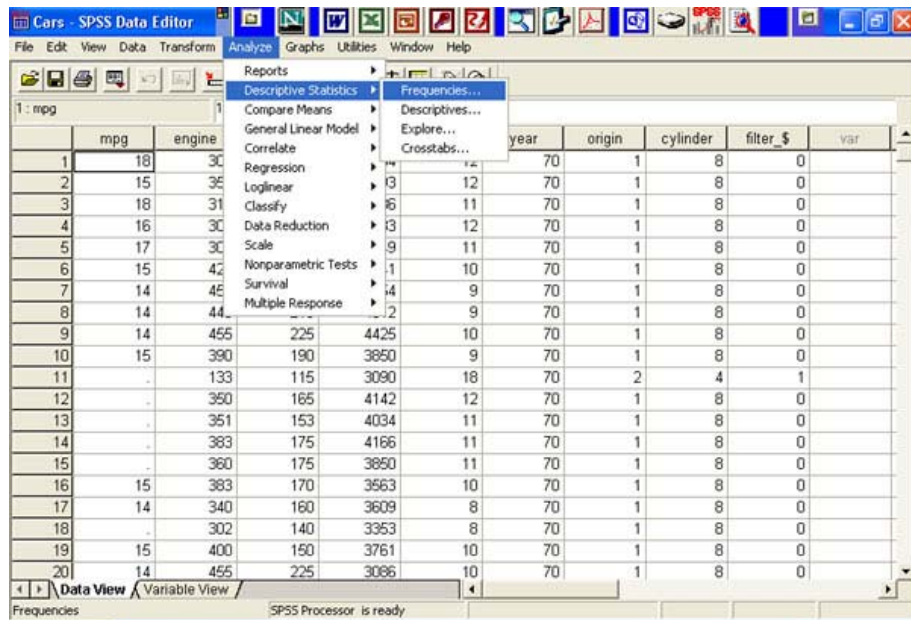
Start SPSS and open the Cars data file.

See SPSS Tutorial # One if you need a reminder...

Click OK.



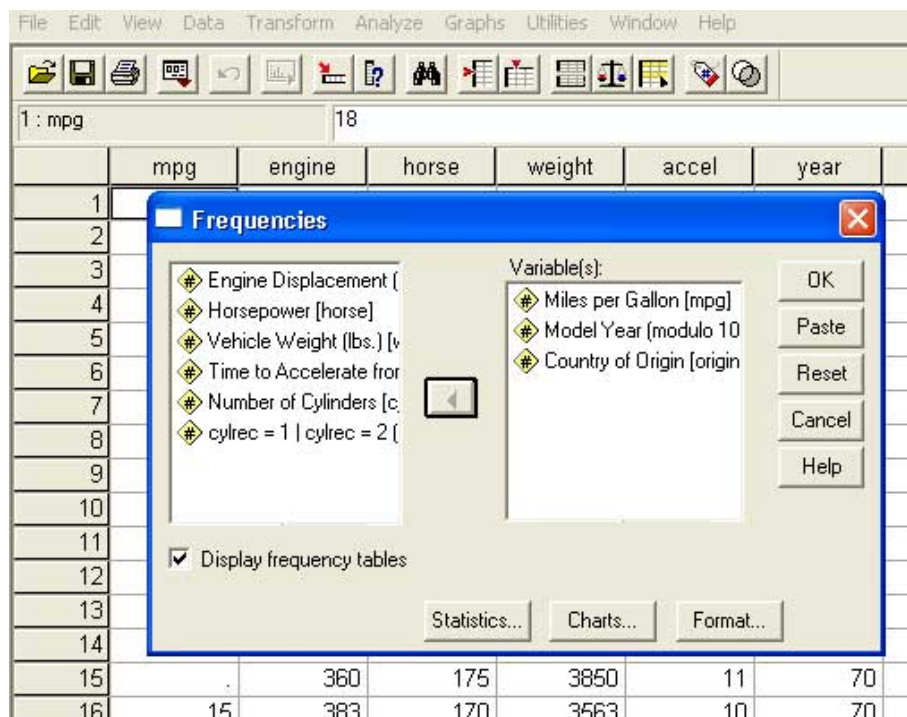
Open the Cars data file.



While viewing the Cars data file in the SPSS Data Editor, click on Analyze.

Click on Descriptive Statistics.

Click on Frequencies.



Select the variables

Miles per Gallon,

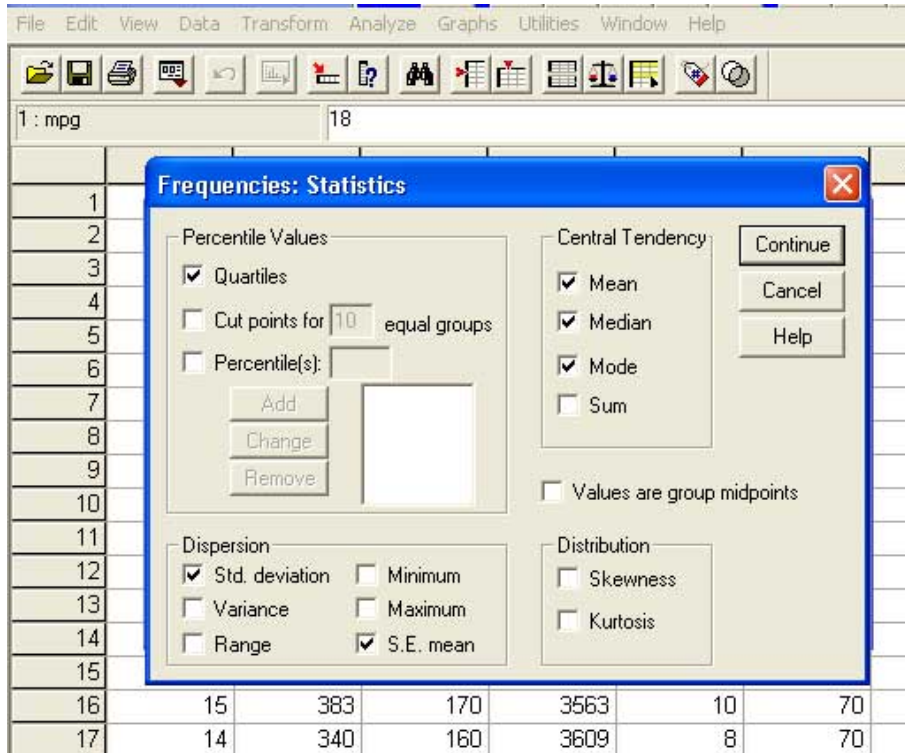
Model Year,

and Country of Origin

from the left hand column and put them into the right hand column using the button between the columns...



Click on Statistics...



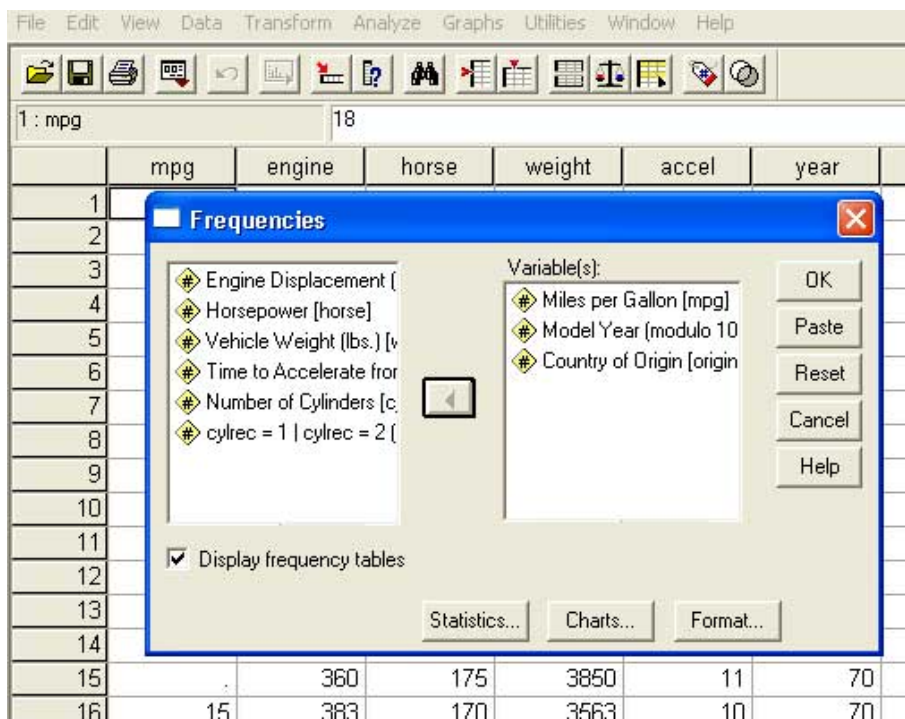
Click on Quartiles

Std. deviation  
(standard deviation)

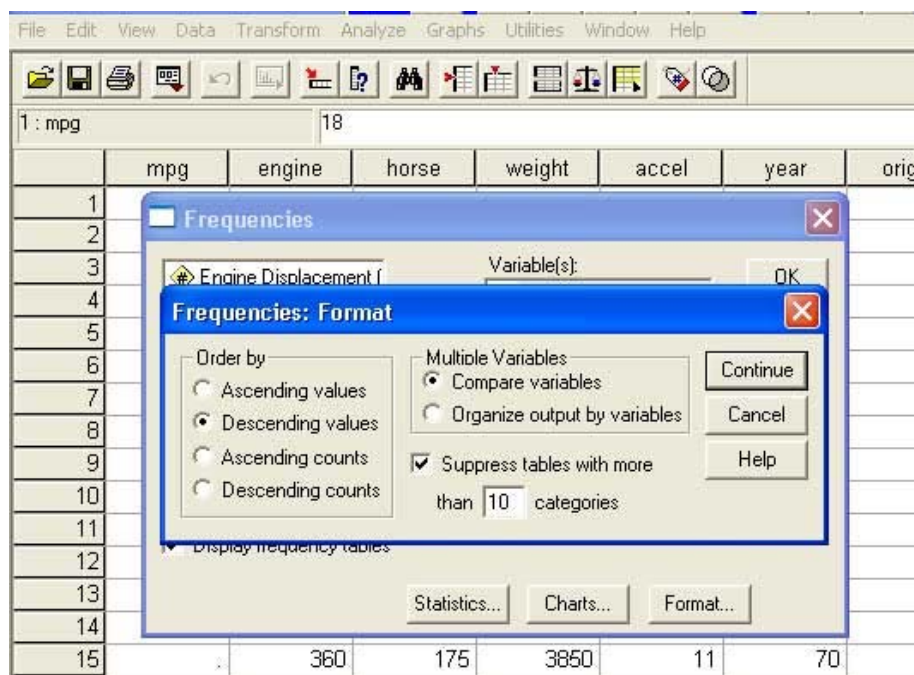
S.E. mean (standard  
error of the mean)

Mean, Median,  
Mode...

Finally, click on  
Continue...



By clicking on  
Continue, you return  
to the Frequencies  
dialog box. Now click  
on Format...



Check the box next to Suppress tables with more than 10 categories...

click Continue...

then click OK on the Frequencies dialog box.

This will open the Output window

## Frequencies

Statistics

		Miles per Gallon	Model Year (modulo 100)	Country of Origin
N	Valid	398	406	405
	Missing	8	0	1
Mean		23.51	75.75	1.57
Std. Error of Mean		.39	.26	3.97E-02
Median		23.00	76.00	1.00
Mode		13	73	1
Std. Deviation		7.82	5.31	.80
Percentiles	25	17.38	73.00	1.00
	50	23.00	76.00	1.00
	75	29.00	79.00	2.00

## Frequency Table

Country of Origin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	American	253	62.3	62.5	62.5
	European	73	18.0	18.0	80.5
	Japanese	79	19.5	19.5	100.0
	Total	405	99.8	100.0	
Missing	System	1	2		
Total		406	100.0		

Your output should look like this...

If it does, print it.