



Using the Descriptive Statistics Lool

ech Tips – IBM SPSS Statistics

Classification: Controlled. Copyright ©2024 Version 1. All rights reserved.

Tech Tips – Using the Descriptive Statistics Tool



- Did you know that there is a quick way to run descriptive statistics from the toolbar in IBM SPSS Statistics version 28?
- The toolbar has the **Descriptive statistics button** which allows users to quickly run a summary of variables.

File	Edit Vie	w Data	Transform	n Analyze	Graph	Utilities	Extensio	ns Wind	ow Help										
	gen In		Transien	. gnorper	2.op		31												
) 🛄							14	0	J Q								
: inco	me	72.00	D			Ru	n descriptive	e statistics									Visible	: 29 of 29 1	Variabl
	🛷 age	🔗 marital	P addres	🛷 income	inccat	& car	arcat	🛷 ed	🛷 employ	st retire	empcat	🧬 jobsat	💑 gender	🔗 reside	wireles s	e multin	so voice	🛷 pager	🧬 in
1	55	1	12	72.00	3.00	36.20	3.00	1	23	0	3	5	f	4	0	0	1	0)
2	56	0	29	153.00	4.00	76.90	3.00	1	35	0	3	4	m	1	1	0	1	1	1
3	28	1	9	28.00	2.00	13.70	1.00	3	4	0	1	3	f	3	1	0	1	0)
4	24	1	4	26.00	2.00	12.50	1.00	4	0	0	1	1	m	3	1	1	1	C)
5	25	0	2	23.00	1.00	11.30	1.00	2	5	0	2	2	m	2	0	0	0	C)
6	45	1	9	76.00	4.00	37.20	3.00	3	13	0	2	2	m	2	0	1	1	1	1
7	42	0	19	40.00	2.00	19.80	2.00	3	10	0	2	2	m	1	1	1	1	C)
8	35	0	15	57.00	3.00	28.20	2.00	2	1	0	1	1	f	1	0	0	0	0)
9	46	0	26	24.00	1.00	12.20	1.00	1	11	0	2	5	f	2	0	0	1	C)
10	34	1	0	89.00	4.00	46.10	3.00	3	12	0	2	4	m	6	1	0	1	C)
11	55	1	17	72.00	3.00	35.50	3.00	3	2	0	1	3	f	2	1	0	0	C)
12	28	0	3	24.00	1.00	11.80	1.00	4	4	0	1	5	m	1	1	0	0	1	1
13	31	1	9	40.00	2.00	21.30	2.00	4	0	0	1	2	f	4	0	0	0	C)
14	42	0	8	137.00	4.00	68.90	3.00	3	3	0	1	1	f	1	1	0	0	C)
15	35	0	8	70.00	3.00	34.10	3.00	3	9	0	2	4	m	3	0	0	0	C)
16	52	1	24	159.00	4.00	78.90	3.00	4	16	0	3	5	m	2	1	1	1	1	1
17	21	1	1	37.00	2.00	18.60	2.00	3	0	0	1	1	m	7	1	1	0	C)
18	32	0	0	28.00	2.00	13.70	1.00	1	2	0	1	4	f	2	0	0	0	0)
19	42	0	9	109.00	4.00	54.70	3.00	3	20	0	3	3	f	1	1	0	0	0)
20	40	1	12	117.00	4.00	58.30	3.00	2	19	0	3	5	f	4	1	1	1	C)
21	30	0	3	23.00	1.00	11.80	1.00	1	3	0	1	3	m	1	0	0	0	C)
22	48	0	14	21.00	1.00	9.50	1.00	3	2	0	1	3	m	1	0	0	1	C)
									-			-		-					1



Tech Tips – Using the Descriptive Statistics Tool



- In this example, we will select two variables. One is categorical and one is numeric.
- Select both columns and click on the **Descriptive Statistics button**. A Descriptive Statistics procedure will be run on both variables with charts and graphs. This aids in quick examination of the data.





Income category in thousands

1174

2388

1120

1718

6400

Valid

Under \$25

\$25-\$49

\$50-\$74

\$75+

Total

Frequency Percent Valid Percent

18.3

37.3

17.5

26.8

100.0



Statistics

Household income in thousand

Cumulative

Percent

18.3 55.7

73.2

100.0

18.3

37.3

17.5

26.8

100.0

N	Valid	6400
	Missing	0
Mean		69.4748
Median		45.0000
Std. Dev	/iation	78.71856
Range	1107.00	
Minimu	9.00	
Maximu	m	1116.00







Thank You

For more information

please visit spssanalyticspartner.com

Classification: Controlled. Copyright ©2024 Version 1. All rights reserved.

Classification: Controllec