

**Student Solution – SPSS Activity #5**

```

GET DATA
  /TYPE=XLS
  /FILE='H:\_Amy Docs\UF\000 Spring 2012\PHC6050\SPSS
Activities\Activity05\nightlight.xls'
  /SHEET=name 'Sheet1'
  /CELLRANGE=full
  /READNAMES=on
  /ASSUMEDSTRWIDTH=32767.
DATASET NAME DataSet1 WINDOW=FRONT.

SAVE OUTFILE='H:\_Amy Docs\UF\000 Spring 2012\PHC6050\SPSS
Activities\Activity05\nightlight.sav'
  /COMPRESSED.

CROSSTABS
  /TABLES=Light BY Nearsightedness
  /FORMAT=AVALUE TABLES
  /CELLS=COUNT TOTAL
  /COUNT ROUND CELL.

```

**Light \* Nearsightedness Crosstabulation**

			Nearsightedness		Total
			No	Yes	
Light	lamp	Count	34	41	75
		% of Total	7.1%	8.6%	15.7%
	night light	Count	153	79	232
		% of Total	31.9%	16.5%	48.4%
	no light	Count	155	17	172
		% of Total	32.4%	3.5%	35.9%
Total	Count		342	137	479
	% of Total		71.4%	28.6%	100.0%

**Light \* Nearsightedness Crosstabulation**

			Nearsightedness		Total
			No	Yes	
Light	lamp	Count	34	41	75
		% within Light	45.3%	54.7%	100.0%
	night light	Count	153	79	232
		% within Light	65.9%	34.1%	100.0%
	no light	Count	155	17	172
		% within Light	90.1%	9.9%	100.0%
Total	Count		342	137	479
	% within Light		71.4%	28.6%	100.0%

**Light \* Nearsightedness Crosstabulation**

			Nearsightedness		Total
			No	Yes	
Light	lamp	Count	34	41	75
		% within Nearsightedness	9.9%	29.9%	15.7%
	night light	Count	153	79	232
		% within Nearsightedness	44.7%	57.7%	48.4%
	no light	Count	155	17	172
		% within Nearsightedness	45.3%	12.4%	35.9%
Total	Count		342	137	479
	% within Nearsightedness		100.0%	100.0%	100.0%

**Light \* Nearsightedness Crosstabulation**

			Nearsightedness		Total
			No	Yes	
Light	lamp	Count	34	41	75
		% within Light	45.3%	54.7%	100.0%
		% within Nearsightedness	9.9%	29.9%	15.7%
	night light	Count	153	79	232
		% within Light	65.9%	34.1%	100.0%
		% within Nearsightedness	44.7%	57.7%	48.4%
	no light	Count	155	17	172
		% within Light	90.1%	9.9%	100.0%
		% within Nearsightedness	45.3%	12.4%	35.9%
Total	Count		342	137	479
	% within Light		71.4%	28.6%	100.0%
	% within Nearsightedness		100.0%	100.0%	100.0%