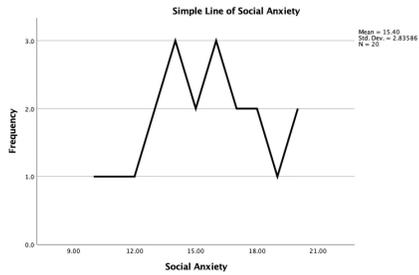


Desiree Vargas

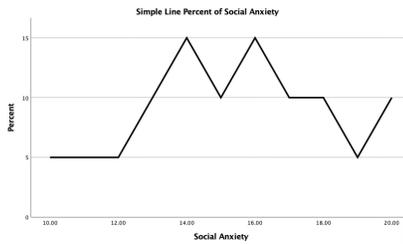
EDG 500

February 4, 2023

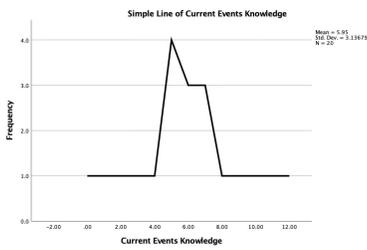
### Chapter 5- Frequency Polygon ( step by step)



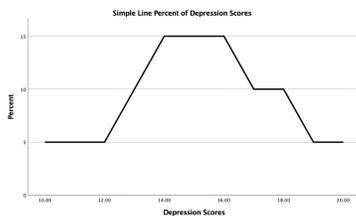
### Chapter 5- Percent Polygon ( Step by step )



### Chapter 5- Frequency Polygon exercise



### Chapter 5- Percent Polygon exercise



## Chapter 6 step by step

Mean for Attitude Toward Tobacco = 5.3000

Median= 5.5000)

Mean for Number of Cigarettes Smoked= 20.5000

Median= 15.5000

### Descriptives

		Statistic	Std. Error	
Attitude Toward Tobacco	Mean	5.3000	.54338	
	95% Confidence Interval for Mean	Lower Bound	4.1627	
		Upper Bound	6.4373	
	5% Trimmed Mean	5.3333		
	Median	5.5000		
	Variance	5.905		
	Std. Deviation	2.43007		
	Minimum	1.00		
	Maximum	9.00		
	Range	8.00		
	Interquartile Range	4.50		
	Skewness	-.340	.512	
	Kurtosis	-.885	.992	
	Number of Cigarettes Smoked	Mean	20.5000	3.42014
95% Confidence Interval for Mean		Lower Bound	13.3416	
		Upper Bound	27.6584	
5% Trimmed Mean		18.8889		
Median		15.5000		
Variance		233.947		
Std. Deviation		15.29334		
Minimum		8.00		
Maximum		62.00		
Range		54.00		
Interquartile Range		10.25		
Skewness		1.860	.512	
Kurtosis		2.574	.992	

## Chapter 6 Exercise

### Descriptives

		Statistic	Std. Error	
Hours Using Internet	Mean	5.7500	2.08109	
	95% Confidence Interval for Mean	Lower Bound	1.3942	
		Upper Bound	10.1058	
	5% Trimmed Mean	4.5556		
	Median	2.5000		
	Variance	86.618		
	Std. Deviation	9.30690		
	Minimum	.00		
	Maximum	33.00		
	Range	33.00		
	Interquartile Range	3.00		
	Skewness	2.206	.512	
	Kurtosis	3.823	.992	
	Attitude Toward Internet	Mean	5.4000	.48341
95% Confidence Interval for Mean		Lower Bound	4.3882	
		Upper Bound	6.4118	
5% Trimmed Mean		5.3889		
Median		5.5000		
Variance		4.674		
Std. Deviation		2.16187		
Minimum		1.00		
Maximum		10.00		
Range		9.00		
Interquartile Range		3.00		
Skewness		.151	.512	
Kurtosis		.193	.992	

## Questions for Chapter 6

- What is the mean for **Hours using Internet**? The mean for hours using internet is 5.7500

- What is the median for **Hours Using Internet**? The median for Hours Using Internet is 2.5000
- Would you report the mean, the median or both the mean and median in a research report for **Hours Using Internet**? Both the mean and median
- **Explain** - As a result of the mean being significantly higher than the median, it shows us that it was highly skewed with some values being much higher than others. I would also use the median because it would show the average of the scores.
- Write a statement that presents one or both the averages for **Hours Using Internet** - Hours using Internet for 20 students who used the internet for course related information in a week were measured on a self report scale with possible scores from 0-10. The mean was 5.75
- What is the mean for **Attitude Toward Internet**? The mean for Attitude Toward Internet is 5.4000
- What is the median for **Attitude Toward Internet**? The median for Attitude Toward Internet is 5.5000
- Would you report the mean, the median or both the mean and median in a research report for **Attitude Toward Internet**? The mean
- Explain- The distribution is not highly skewed because scores were all pretty close to one another.
- Write a statement that presents one or both the averages for the **Attitude Toward Internet**? Attitude Toward Internet for 20 students who were using the internet for course related information was measured from a self report scale with possible scores from 0-10. The mean score was 5.40.

