

Task: creating graphs

1. Create an APA formatted table for the following data

Two conditions social media use (high and low use) effects on life satisfaction scores

Mean life satisfaction scores for high use = 34.6; standard deviation = 3.69

Mean life satisfaction scores for low use = 46.5; standard deviation = 3.14

2. Create an APA formatted table for the following data

Three variables with two conditions in each (1) furlough during COVID-19 (furloughed and not furloughed) and (2) home-schooling (home-schooling and not home-schooling) and (3) gender (M and F) effects on stress scores

Male: Mean stress scores for furloughed and home-schooling = 56.6; standard deviation = 4.59

Mean stress scores for not furloughed and home-schooling = 54.9; standard deviation = 4.23.

Female: Mean stress scores for furloughed and home-schooling = 59.4; standard deviation = 4.9. Mean stress scores for not furloughed and home-schooling = 55.3; standard deviation = 5.1

Male: Mean stress scores for furloughed and not home-schooling = 60.2; standard deviation = 5.4. Mean stress scores for not furloughed and not home-schooling = 61.5; standard deviation = 5.3.

Female: Mean stress scores for furloughed and not home-schooling = 64.7; standard deviation = 5.2. Mean stress scores for not furloughed and not home-schooling = 63.6; standard deviation = 5.9

3. Create a line graph with the following data set

Number of monthly online purchases predicts happiness scores.

No. of purchases	Happiness score
3	34
4	36
3	31
5	44
4	31
6	47
6	48
4	32
7	50
5	49
7	47
6	44
9	46
8	50
7	49

6	39
5	38
6	36
9	50
8	49

4. Create a scatterplot for the following data

A relationship between monthly chocolate consumption and facial spots

Chocolate consumption	Facial spots
9	3
4	2
3	1
5	1
7	5
6	14
6	5
4	2
7	6
9	16
7	15
6	6
9	16
8	15
7	12
6	8
5	6
6	3
9	15
8	17

5. Create a pie chart for the following data

The effect of age on loneliness and depression (I want to see two pie charts for this – so make sure you choose the correct settings)

Age cohort	Loneliness score	Depression
18-49	32	50
50+	49	36
18-49	36	47
50+	48	40
18-49	32	31
50+	50	33
18-49	36	48
50+	47	48
18-49	40	32

50+	31	50
18-49	33	32
50+	48	54
18-49	32	36
50+	50	36
18-49	32	55
50+	54	34
18-49	36	44
50+	55	43
18-49	34	45
50+	47	36