Project Question

Completing this assignment requires knowledge of Excel (or any similar statistical package) accessible in Clark University Computer rooms. If you need instruction in Excel, contact the TA or myself for assistance.

a) From the dataset that you selected in Assignment 1, select an Endogenous Variable - a variable that you want to explain. Then select one Exogenous Variable, the variable that you believe best explains the Endogenous Variable. Write a summary of why you think that there is a relationship (i.e. cut and paste from assignment 1).

b) Create a histogram of the Endogenous Variable. Briefly describe the properties of the data (average, standard deviation, shape of the distribution (normal, symmetric, etc), etc.).

Questions from the text

1. Question 11, pp. 27.

2. Question 3, pp. 50.

3. Question 4, pp. 51.

4. Question 9, pp. 53.

5. Question 8, pp. 75.

6. Question 9, pp. 75.

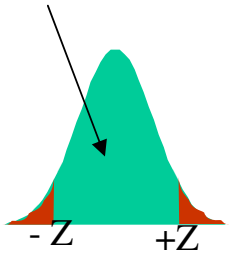
7. Question 10, pp. 75.

8. Question 5, pp. 94.

9. Question 6, pp. 95.

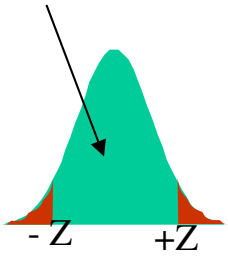
10. Question 8, pp. 95.

Area from -Z to +Z



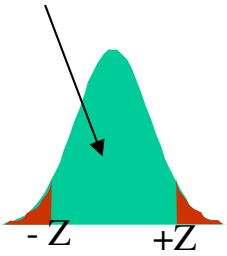
Z	Area Under Curve from -Z to +Z
0.000	0.00
0.050	3.99
0.100	7.97
0.150	11.92
0.200	15.85
0.250	19.74
0.300	23.58
0.350	27.37
0.400	31.08
0.450	34.73
0.500	38.29
0.550	41.77
0.600	45.15
0.650	48.43
0.700	51.61
0.750	54.67
0.800	57.63
0.850	60.47
0.900	63.19
0.950	65.79
1.000	68.27
1.050	70.63
1.100	72.87
1.150	74.99
1.200	76.99
1.250	78.87
1.300	80.64
1.350	82.30
1.400	83.85
1.450	85.29

Area from -Z to +Z



Z	Area Under Curve from -Z to +Z
1.500	86.64
1.550	87.89
1.600	89.04
1.650	90.11
1.700	91.09
1.750	91.99
1.800	92.81
1.850	93.57
1.900	94.26
1.950	94.88
2.000	95.45
2.050	95.96
2.100	96.43
2.150	96.84
2.200	97.22
2.250	97.56
2.300	97.86
2.350	98.12
2.400	98.36
2.450	98.57
2.500	98.76
2.550	98.92
2.600	99.07
2.650	99.20
2.700	99.31
2.750	99.40
2.800	99.49
2.850	99.56
2.900	99.63
2.950	99.68

Area from -Z to +Z



Z	Area Under Curve from -Z to +Z
3.000	99.730
3.050	99.771
3.100	99.806
3.150	99.837
3.200	99.863
3.250	99.885
3.300	99.903
3.350	99.919
3.400	99.933
3.450	99.944
3.500	99.953
3.550	99.961
3.600	99.968
3.650	99.974
3.700	99.978
3.750	99.982
3.800	99.986
3.850	99.988
3.900	99.990
3.950	99.992
4.000	99.9937
4.050	99.9949
4.100	99.9959
4.150	99.9967
4.200	99.9973
4.250	99.9979
4.300	99.9983
4.350	99.9986
4.400	99.9989
4.450	99.9991