

Stat 101
Summer 2023 Session 1
Dr. Lily Yen

Activity 2-1

Show all your work

Name: _____
Number: _____
Signature: _____
Score: ___/8

Excel spreadsheet functions allowed

Problem 1: From the spreadsheet acs12, a sample of 2012 US census, how many column headings are there?

Problem 2: What is the sample size?

Problem 3: How many of the subjects are female?

Problem 4: List all variables in the data set.

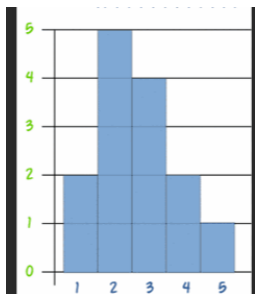
Score: /4

Circle all categorical variables from your list.

Problem 5: Take the income column on the spreadsheet and find the average income of all those making more than 100 annually.

Score: /1

Problem 6: For the given histogram, answer the following questions: a) Sample size n , b) mean, c) median, d) mode, e) minimum, f) maximum, g) standard deviation. Draw a box plot with clearly labelled axis, and all five values.



Score: /3