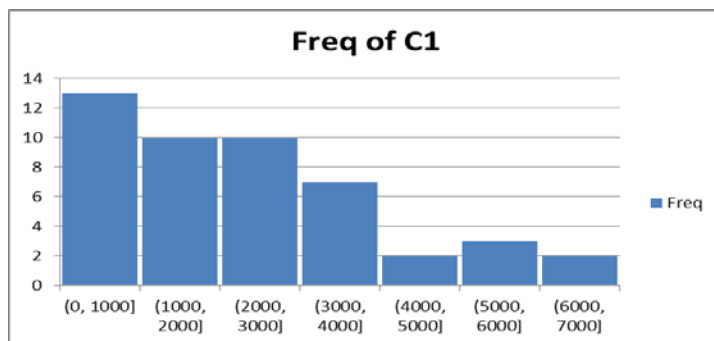


MAT 221 Lab 01 Example Answers

Here are the frequency table and the histogram for the data.

Class	Frequency
(0, 1000]	13
(1000, 2000]	10
(2000, 3000]	10
(3000, 4000]	7
(4000, 5000]	2
(5000, 6000]	3
(6000, 7000]	2
	47



The summary statistics for the data set are:

mean	2273.915
median	2100
std	1738.719
Q1	980
Q3	3150

The data set is skewed to the right, with the modal class for 0 to 1000. There seem to be two mild outliers, 6770 and 6850, which both cause the mean to be greater than the median. About 66% (31/47) of the observations fall within 1 standard deviation of the mean.