## Lecture 19

Friday, October 25, 2024 1:38 PM

"Average" of a data set:  $x_1, x_2, \dots, x_n$ 

- Mean: x<sub>1</sub>+x<sub>2</sub>+...+x<sub>n</sub>/n
  Median: middle value of a sorted data set
- 3) Mode: the data value that occurs most frequently

Median is a good choice when there are outliers (the bizzard data values). Mean is more sensitive to outliers. Mode is used to detect clusters in the data set.

Histogram and distribution curve

Work on the worksheet.