**In Class**

**Statistics Lesson 2: Continuous Data/ Histograms**

Explore: Ex. 1

Create a histogram and a frequency table (with additional columns for cumulative frequency, relative frequency, and cumulative relative frequencies) for the following data:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Class interval* | *Frequency* |  |  |  |
| 100 –  120 –  140 –  160 –  180 –  200 –  220 –  240 –  260 –  280 – | 4  2  10  5  4  4  6  5  6  4 |  |  |  |

Explore: Ex. 2

Create a histogram and a frequency table (with additional columns for cumulative frequency, relative frequency, and cumulative relative frequencies) for the following data:

|  |  |
| --- | --- |
| *Height (in mm)* | *Frequency* |
| 0 –  10 –  20 –  30 –  40 –  50 –  60 –  70 –  80 – | 3  6  5  8  9  7  5  6  2 |