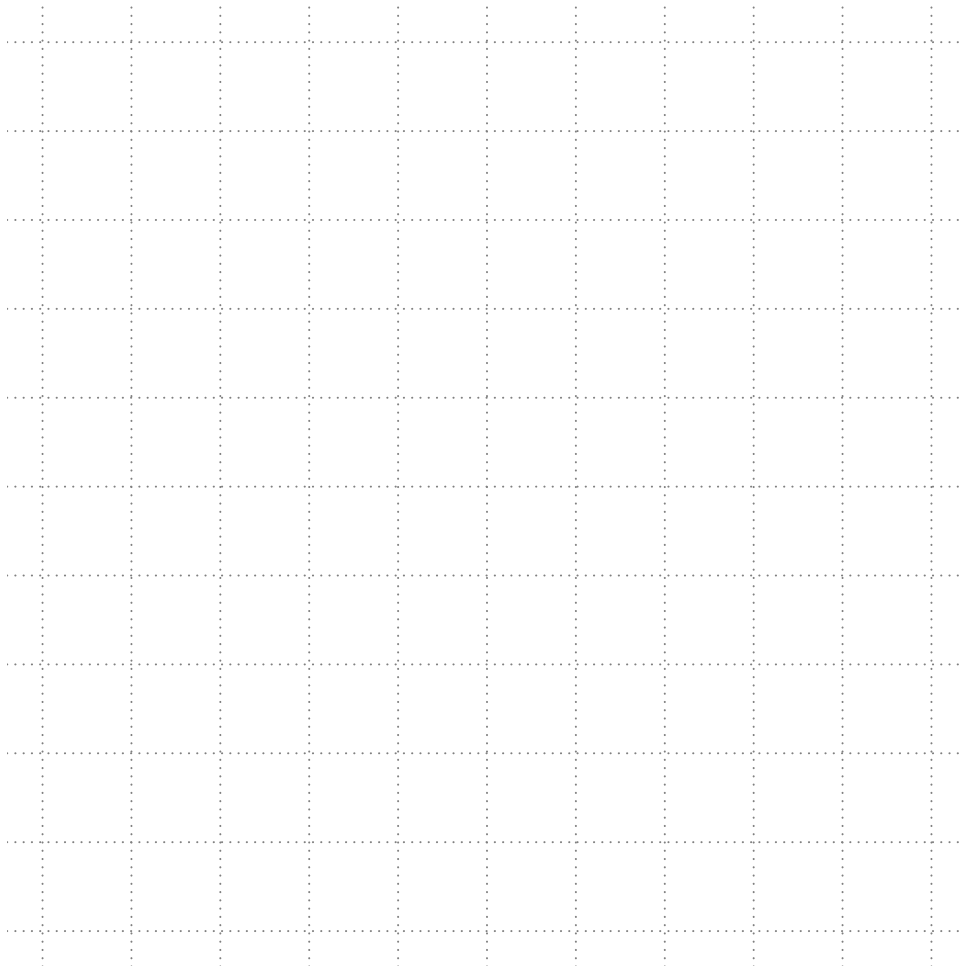


Question

Please make a relative-frequency table and a relative-frequency histogram from the following (unsorted) continuous data, using the supplied classes.

| | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|
| 421.25 | 421.65 | 425.52 | 426.42 | 430.61 | 431.55 | 434.5 | 438.51 | 439.09 | 440.34 |
| 440.55 | 442.17 | 444.07 | 444.58 | 447.04 | 449.07 | 450 | 450.93 | 452.01 | 452.57 |
| 456.51 | 457.21 | 457.89 | 460.84 | 464.06 | 465.11 | | | | |

| class | frequency | relative frequency |
|-----------|-----------|--------------------|
| 420 - 430 | | |
| 430 - 440 | | |
| 440 - 450 | | |
| 450 - 460 | | |
| 460 - 470 | | |

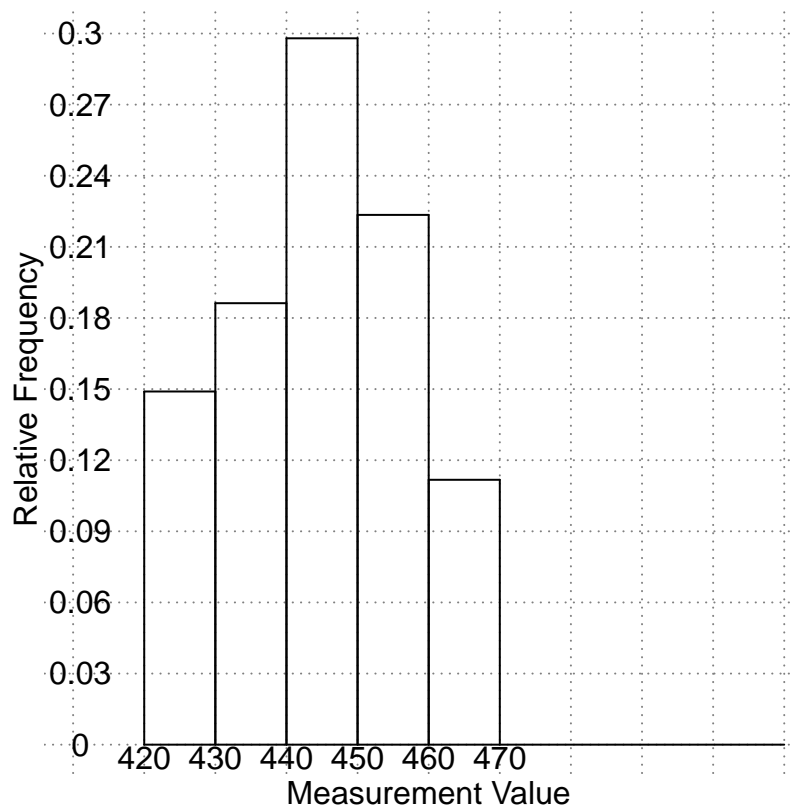


Solution

Make the relative-frequency table.

| class | frequency | relative frequency |
|-----------|-----------|--------------------|
| 420 - 430 | 4 | 0.149 |
| 430 - 440 | 5 | 0.186 |
| 440 - 450 | 8 | 0.298 |
| 450 - 460 | 6 | 0.223 |
| 460 - 470 | 3 | 0.112 |

Make the relative-frequency histogram.



Meta-information

extype: string exsolution: make the histogram exname: histogram