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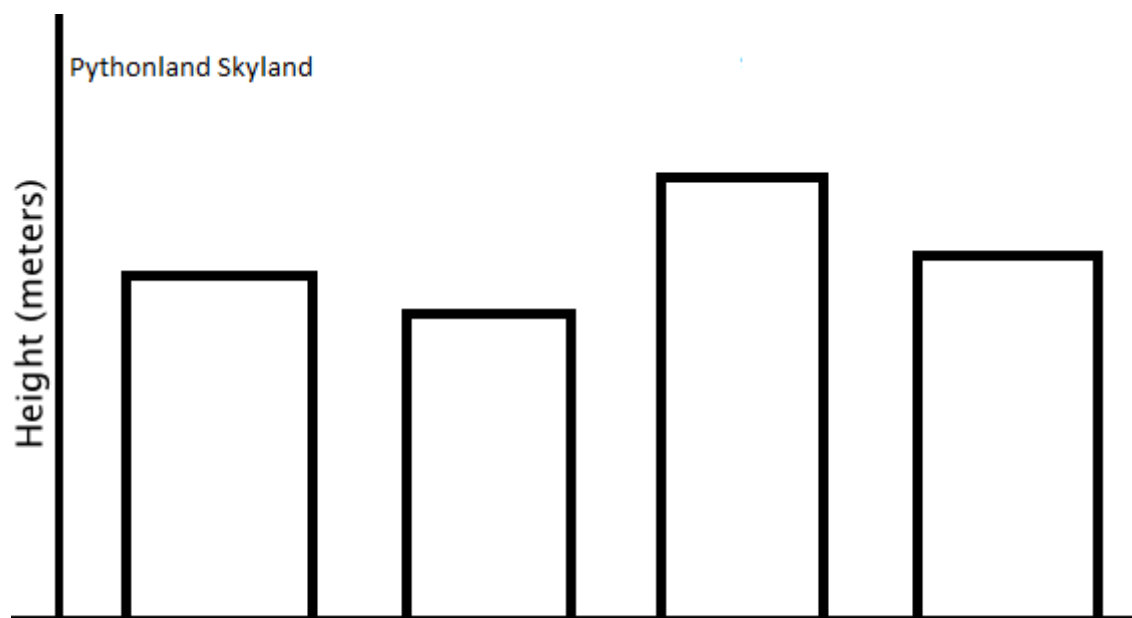
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Exercise 4

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Exercise 4

3/3 points (graded)

The *coefficient of variation* is the standard deviation divided by the mean. Loosely, it's a measure of how variable the population is in relation to the mean.

1. Figure 1 shows the skyline of Pythonland, and Figure 2 shows the skyline of Montyland.

Considering the heights of buildings in Pythonland and Montyland, which has a larger coefficient of variation?

- ○ Pythonland

- ◉ Montyland

✔

2. Which of the following populations has the highest coefficient of variation?

- ◉ [1, 2, 3]

- ○ [11, 12, 13]

- ○ [0.1, 0.1, 0.1]

✔

3. Compute the coefficient of variation of [10, 4, 12, 15, 20, 5] to 3 decimal places.

.503   ✔   ⊞ Calculator

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Exercise 4

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