06 - Standard Deviation and the Normal Model

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Across

- **4.** In a Normal model, about 68% of the values within 1 standard deviation of the mean, about 95% within 2 standard deviations, and about 99.7% within 3 standard deviations.
- **6.** The process of multiplying each value by a constant that multiplies both the measures of position and measures of spread by that constant.
- **9.** center of the Normal model.

- **10.** Numerical attribute of a set of data.
- **11.** model used for certain unimodal, symmetric distributions.
- **12.** The value found by subtracting the mean and dividing by the standard deviation.

Down

1. Display to help assess whether a distribution of data is approximately Normal.

- **2.** Tells how many standard deviations a value is from the mean.
- **3.** The square root of the variance.
- **5.** Numerical attribute of a model.
- 7. Type of Normal model with mean 0 and standard deviation 1.
- **8.** The sum of the squared deviations from the mean, divided by the count minus one.