**Guidance for Topic 5 DQ 1**

1. As always, first enter your name. Then, the data appear.

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1. Enter the formula as shown and drag down the formula to fill out column F.

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1. Excel formulas:

Mean: =average()

Median: =median()

Standard deviation: =stdev()

Range: =max() – min().

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1. Next you need to find percentile. The explanation of the percentile function is here: <https://support.microsoft.com/en-gb/office/percentile-function-91b43a53-543c-4708-93de-d626debdddca>

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1. The explanation about the normal distribution can be found here:

<https://www.mathsisfun.com/data/standard-normal-distribution.html>

Now, you are asked to find the =mean + standard deviation and =mean – standard deviation. Between these limits, there are 68% of the data.

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