**Guidance for Topic 1 DQ 2**

1. First, make sure to enter your name in I2.

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1. Enter the given pair of points.

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1. For the slope, please see the formula circled in red.

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1. For the intercept, please see the formula circled in red.

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1. To quickly fill out the values of x in column E, enter =E15+0.5 in E16 and drag down this formula in column E. This is the explanation given by Microsoft as to how to drag the formula: <https://support.microsoft.com/en-us/office/fill-a-formula-down-into-adjacent-cells-041edfe2-05bc-40e6-b933-ef48c3f308c6>

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1. Similarly, you need to fill out column F. Make sure to use $ for C23 and C24. $ fixes your choices of row/column. “Anchoring cells” is explained here:

<https://www.extendoffice.com/documents/excel/3506-excel-anchoring-cells.html>

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1. Next, make sure to highlight from E14 to E35 and from F14 to F35 (i.e., including x and y=mx+b). Then, at the top, choose “Insert” and click “Recommended Charts.”

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1. Choose the top option.

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1. Move your graph to the indicated box and click +. Then, you will find options to label the axes.

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