

## MATH 134A Review: Least-squares regression

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1. You have two points on a scatterplot. They are  $(0, 0)$  and  $(1, 0)$ . You decide to plot a third point at  $(2, t)$ , where  $t$  is a variable. What is the value of  $t$  so that the slope of the least-squares regression line is 1.