

# Regression Analysis in the Animals Dataset

1) I performed a linear regression on a sample of \_\_\_\_\_ cats from the shelter  
dataset or subset  
and found \_\_\_\_\_ a moderate ( $r=0.566$ ), positive correlation  
a weak/strong/moderate ( $R=\dots$ ), positive/negative  
between \_\_\_\_\_ age of the cats (in years) and \_\_\_\_\_ number of weeks to adoption .  
[x-axis] [y-axis]  
I would predict that a 1 \_\_\_\_\_ year increase in \_\_\_\_\_ age is associated with a  
[x-axis units] [x-axis]  
\_\_\_\_\_ 0.23 week increase in \_\_\_\_\_ adoption time .  
[slope, y-units] [increase/decrease] [y-axis]

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2) I performed a linear regression on a sample of \_\_\_\_\_ and  
dataset or subset  
found \_\_\_\_\_ correlation between  
a weak/strong/moderate ( $R=\dots$ ), positive/negative  
\_\_\_\_\_ and \_\_\_\_\_ .  
[x-axis] [y-axis]  
I would predict that a 1 \_\_\_\_\_ increase in \_\_\_\_\_ is associated with a  
[x-axis units] [x-axis]  
\_\_\_\_\_ in \_\_\_\_\_ .  
[slope, y-units] [increase/decrease] [y-axis]

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3) I performed a linear regression on a sample of \_\_\_\_\_  
dataset or subset  
and found \_\_\_\_\_ correlation  
a weak/strong/moderate ( $R=\dots$ ), positive/negative  
between \_\_\_\_\_ and \_\_\_\_\_ .  
[x-axis] [y-axis]  
I would predict that a 1 \_\_\_\_\_ increase in \_\_\_\_\_ is associated with a  
[x-axis units] [x-axis]  
\_\_\_\_\_ in \_\_\_\_\_ .  
[slope, y-units] [increase/decrease] [y-axis]