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| **Cornell Notes** | **Topic/Objective:**  | **Name:** |
| Chapter 2.2: Linear Regression (p. 70 – 72) | **Class/Period:** |
|  | **Date:** |
| **Essential Question:** How can the past predict the future? |
|  |
| **Questions:** | **Notes:** |
| What is a line of best fit? |  |
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|  |  |
| What are domain and | Domain: |
| range of data? | Range: |
|  |  |
| What is interpolation? |  |
|  |  |
| What is extrapolation? |  |
|  |  |
| What is a correlation |  |
| coefficient? |  |
|  |  |
| Correlation coefficient |  |
| for no correlation? |  |
|  |  |
| Correlation coefficient |  |
| for strong correlation? |  |
|  |  |
| Correlation coefficient |  |
| for weak correlation? |  |
| **Summary:** |
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| **Questions:** | **Notes:** |
| How do you find equation | (Example 1)  |
| of a linear regression line? |  |
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| What is the interpretation | (Example 2) |
| of slope of a regression line? |  |
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| How do you predict the value | (Example 3) |
| of the response variable |  |
| using a regression equation? |  |
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| How do you find the  | (Example 4) |
| correlation coefficient |  |
| for bivariate data? |  |
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| **Summary:** |
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