|  |  |  |
| --- | --- | --- |
| **Vocabulary Term** | **Definition** | **Picture/Description** |
| **Bivariate Data** |  |  |
| **Scatter Plot** |  |  |
| **Correlation** |  |  |
| **Line of Fit** |  |  |
| **Linear Interpolation** |  |  |



**Steps for Scatter Plots:**

1. Make a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

Determine whether any \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ exits in the data.

1. Draw a \_\_\_\_\_\_\_\_\_\_\_ that passes close to most of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
2. Use two \_\_\_\_\_\_\_\_\_\_\_\_\_ on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to write an equation for the line.

4.) Use a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to make \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Songs Bought** | 0 | 1 | 3 | 5 | 7 | 9 | 12 |
| **Cost ($)** | 0 | 1 | 2 | 6 | 9 | 9 | 10 |

**Example: iTunes Downloads**

Type of correlation:

Two points on the line of fit:

****Make predictions:

Meaning of the correlation:

Equation of line of fit: