# Creating a Scatter Plot

Referenced from lesson [Scatter Plots](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/scatter-plots/index.shtml) (Spring, 2021)

1. **For each row in the Sample Table on the left, add a point to the scatter plot on the right**. Use the values from the age column for the x-axis, and values from the weeks column for the y-axis.
2. Do you see a pattern? Do the points seem to go up or down as age increases to the right?
   * **Draw a cloud around all the points, and a line around which the cloud appears to be centered**

1. Does the line slope upwards or downwards?
2. Are the points tightly clustered around the line or loosely scattered?

| name | species | age | weeks |
| --- | --- | --- | --- |
| "Sasha" | "cat" | 1 | 3 |
| "Boo-boo" | "dog" | 11 | 5 |
| "Felix" | "cat" | 16 | 4 |
| "Buddy" | "lizard" | 2 | 24 |
| "Nori" | "dog" | 6 | 9 |
| "Wade" | "cat" | 1 | 2 |
| "Nibblet" | "rabbit" | 6 | 12 |
| "Maple" | "dog" | 3 | 2 |



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