# Exploring Row and Function Definitions

Referenced from lesson [Table Methods](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/table-methods/index.shtml) (Spring, 2021)

Make sure you’ve opened the [Table Methods Starter File](https://code.pyret.org/editor#share=1JPuXrbW20rXvuHl0logkDNTy62XXc7qv) on your computer.

| **1** | Evaluate is-dog(dog-row). What do you get? |  |
| --- | --- | --- |
| **2** | Evaluate is-cat(cat-row). What do you get? |  |
| **3** | Evaluate is-cat(dog-row). What do you get? |  |
| **4** | Evaluate is-dog(dog-row). What do you get? |  |
| **5** | Evaluate is-dog(cat-row). What do you get? |  |
| **6** | What does an is-cat do? |  |
| **7** | What does lookup-fixed do? |  |
| **8** | What does is-old do? |  |
| **9** | What does kilos do? |  |
| **10** | What does nametag do? |  |

1. Find the Contract for image-scatter-plot in your Contracts page, and discuss the Domain as a group.
2. In the Interactions Area, type image-scatter-plot(animals-table, "pounds", "weeks", nametag). What do you get?
3. Change the definition of nametag to produce text with a different color.
4. Change the definition of nametag to produce text with a different size.
5. Change the definition of nametag to produce text using the animal’s species, instead of their name.
6. Change the definition of nametag to produce text using the animal’s age as the size of the text.

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