

Building a Learning Institute Unit 5

Summarizing Outcome Data

Activity

Scenario

Sheila and Sarah own a dog training company. Each dog that enrolls in their basic training course is taught five commands: sit, shake, speak, down, and stay. All of the dogs that enroll are very good dogs, but not all of them are able to master the five commands. Sarah and Sheila aim for 75% of the dogs in the basic training course to know 80% of the commands before graduation. The course is six weeks long and starts on January 1st, March 1st, May 1st, July 1st, and September 1st. On the sixth week each student “graduates” by demonstrating their skills to the class. Sarah and Sheila make note of which commands each dog knows. After the demonstrations, the class celebrates with dog-friendly ice cream and cake.

Data

See back of page.

Questions

1. What is the student learning outcome that Sheila and Sarah have set? Use the ABCD format.
2. What is the course benchmark?
3. How many commands must a dog demonstrate in order to meet the “degree”?
4. Overall, how many dogs met the outcome?
5. How many dogs met the outcome in each of the classes? What percentage of dogs?
 - a. January
 - b. March
 - c. May
6. Did Sheila and Sarah meet their benchmark in any of their courses? If so, which?

Table 1. Enrollment and Graduation Records (January, March, May)

#	Dog	Start Date	Grad. Date	Sit	Shake	Speak	Down	Stay	Observed By	Notes
1	Brie	1/1	2/15	☆	☆	☆	☆	☆	Sheila	
2	Bubba	3/1	4/15	☆	☆	☆	☆	☆	Sarah	
3	Blue	3/1	4/15	☆	☆	☆	☆	☆	Sheila	Blue did a great job! She followed all of the commands and MORE!
4	Chuck	3/1	4/15	☆	☆	☆	☆	☆	Sheila	
5	Cooper	5/1	6/15	☆	☆	☆	☆	☆	Sarah	I think Cooper already knew the commands before starting with us!
6	Jimi	1/1	2/15	☆	☆	☆	☆	☆	Sheila	Good boy!
7	Macy	3/1	4/15	☆	☆	☆	☆	☆	Sarah	
8	Mario	5/1	6/15	☆	☆	☆	☆	☆	Sheila	
9	Mikey	5/1	6/15	☆	☆	☆	☆	☆	Sheila	Was not able to follow "stay" command at graduation, continued training after class until he got it.
10	Prince	1/1	4/15	☆	☆	☆	☆	☆	Sarah	Prince missed the last class so he demonstrated his skills with the March class, on 4/15.
11	Spot	5/1	6/15	☆	☆	☆	☆	☆	Sarah	Spot got very distracted during his demonstration.
12	Tank	3/1	4/15	☆	☆	☆	☆	☆	Sheila	