HW – Thinking About CRISP-DM

Attached is a study done by Merritt Clifton, editor of Animal People. Please review the study. It deals with the unfortunate situations were dogs attack people. You are asked to compare this study, to the CRISP-DM methodology.

It investigates the question – should some breeds of dogs be outlawed because they tend to cause too many deaths? Could such a law be enforced?

Answer the following questions: in a well written paragraphs. Do not just say "yes" or "no," include your reasoning. I am looking for answers that demonstrate learning and insight.

Review the CRISP-DM that we covered in class, and also the overview online materials as needed.

1. What does CRISP-DM stand for, and what are the major phases?

2. What was the context of this study? What made Merritt Clifton write this?

3. What evidence do we have that the author got to understand his data? What data cleaning was done?

4. The data modeling that was used was very simple. What kinds of statistics where performed?

5. What other steps of CRISP-DM could the author have performed?

6. What kind of clustering or classification was performed?

7. Suppose that "Deployment" meant teaching police officers about dogs. What kind of classifier or <u>model</u> should the author teach police officers to indicate that a dog was likely to attack?

8. Based on your review of this study, what conclusions can you draw?

9. Do you believe this study? Will it change the way you think about dogs?

10. Do you think that some dog breeds should be outlawed? What complications would be presented if such a law was enacted?