Final Egg writeup

In class, we hatches 2 separate sets of chicken eggs. Data from both incubations is available on the front of the course page. As a summary, please write a short paper describing the following:

1. Based on the first incubation, what model or method do you think can be used to predict whether an egg will hatch?
2. Using the data from the first egg incubation (all 36 eggs), evaluate/justify/support/critique your model.
3. What confidence do you have in your prediction? Is it right 100% of the time? Is it correct only for brown eggs, etc?
4. Do some outside reading. What data (or research) supports or disagrees with your model or method? Specific resources could include:
   1. Journals, eg http://ps.oxfordjournals.org/
   2. State University extension services, eg, <http://www.extension.umn.edu/food/small-farms/livestock/poultry/hatching-and-brooding-small-numbers/>
   3. Popular magazines, <http://www.motherearthnews.com/homesteading-and-livestock/incubating-chicken-eggs-zv0z1308zsie.aspx>
   4. The Public Library, <http://www.storey.com/subcategory_listing.php?cat=Animals&subcat=Livestock>
   5. etc
5. With all of this background explained, please apply your model to 10 eggs from the second incubation (eggs are due Sept 30). For each egg, make a prediction about whether it will hatch.

I assume this will be about 2 pages of writing. Graphs, tables, math models etc are encouraged.