

Residents in Clatsop have grown increasingly concerned about cancer rates. As mayor, you see a great opportunity to boost your dropping poll numbers by coming up with a plan to lower the rate of people dying from cancer in your town.

Your group is required to write a real estate development plan for the re-election campaign of the mayor of Clatsop, the town with the highest cancer mortality rate downstream from the Hanford reactor. Using the data presented and analyzed in lab, create a plan that may achieve a drop in cancer mortality in your town.

Your paper should use the data analysis your group worked on, and should make it clear that you understand the models created, their parameters, their predictive power (and their limitations!), and how you would go about lowering the rate of death from cancer in Clatsop. It should be clear and convincing to a general audience, but should also contain solid math and data analysis. You should compare the two models from the lab and explain why one may be better than the other, as well as detailing the criteria you used to come up with your own model. You may use any other resources as well, as long as they are cited.

Instructions:

- You should use a Google Document to write your report.
- You should complete a draft of your report by Tuesday of Week 3 at 5pm. At that point, one member of your group will share the draft of your work to a shared Google Drive folder (link will be sent by email).
- Each person will be assigned two other group reports to read and comment on. Comments should use the commenting tool in Google Docs (Insert Menu → Comment). Comments will be due by Thursday of Week 3 at 8am.
- Following that, your group's final report will be due by Monday of Week 4 at 8am on Gradescope as a PDF.

Grading: Your report will be assessed on the following criteria:

- **Format:** adheres to 'Guidelines for Technical Writing in Math', including legibility and structure, figure labels and titles, citations, etc.
- **Clarity:** adheres to 'Guidelines for Technical Writing in Math', including grammar, appropriate attention to detail, awareness of audience, etc.
- **Data Analysis:** includes complete and correct mathematics, clear description of construction of the model and criteria applied.
- **Clarity and Appropriateness:** should be clear and convincing to a general audience – You are trying to get reelected!