Class 10 overview: 28 March

Announcements & Carry-forwards

1. How to submit your Project assignment
2. Next week, last class:
    a. One hour final, then
    b. Final project presentations.

First hour

- Stat unit 6: Interpreting regression runs

Second hour

- 2nd project presentations.

Third hour

- Notes_on_ML - ROC curves.
- Continuing project presentations.

Fourth hour

- Stat unit 5: Statistical Testing
- Description of final project assignment.

Final project assignment - building on your previous assignment

To Submit your project:

- Rename your notebook and place the file in Google Drive, in the folder you've created with your name, under the "notebooks" folder.
- Please include your name, date, and the assignment "Final project" in the top cell of your notebook. As you build your notebook add a "markdown" cell with a title & short description before any output - visualization you create.
- Notebooks will be submitted using a new feature that links Google Drive to Canvas assignments. See "3rd project assignment" In module 10.   I will be able to add comments directly to your notebooks.
- You can use the notebook template `notebooks/*HW10/Final_project_template.ipynb`
- Look at the methods in Statistics unit 6 for variable selection to improve your model outcomes.

- Use a prediction accuracy measure that makes comparisons among models with different numbers of variables possible.

- Can you simulate an interval estimate on your predictions to run a statistical test to see if your improvements are "significant"?

Files

- Final_project_template.ipynb

- Statistics unit 5

- Statistics unit 6

- notes_on_ML.pptx