

# Project1

- Linear regression analysis
- Due by: 11:55 PM at Apr. 20 Wednesday  
11:55 PM at Apr. 24 Sunday with late penalty
- With the uploaded dataset,
- Find best model
  - Including Bias-Variance Tradeoff
  - Prediction
  - Using numpy
  - Other libraries, e.g. scikit-learn, are not allowed for calculations
- Submit **one report per group** in jupyter notebook format with the file name **“DSCI6001\_prj1\_group#.ipynb”**

# Report guide

- The report must be in ipynb format.
1. Title with your names, 10 pts
  2. Abstract, a brief introduction or explanation and results/conclusion about what this report is for, < ½ page, 10 pts
  3. Theory, <1 page, 20 pts
  4. Analysis Results & Explanation, 50 pts
  5. Conclusion, 10 pts