Homework 6

Due: 9:15am Tuesday 12/7/21

1. *Fairness.* Pick an application (*e.g.*, parole, credit, admissions, hiring, your project). Which notion of fairness makes sense? Which have problems?

   - Unawareness
   - Demographic parity
   - Equalized odds, Equality of opportunity
   - Predictive Rate Parity
   - Individual Fairness
   - Counterfactual fairness

2. *PCA.* Work on the Jupyter notebook at `https://github.com/ORIE4741/homework/blob/master/PCA.ipynb`. You can find the data file at `https://people.orie.cornell.edu/mru8/orie4741/homework/airbnb_hw6.csv`.