* Write a description of the scope of your research – An analysis of the relationship of housing prices to the quality of public schools offered in that area.
* Project title -
* Team members – Christine Hall, Dinh Duong, Joe Dahruj, and Nathan Leopard
* Project description/outline
* Research questions to answer
  + Does the direct cost of a house guarantee a better public-school offering?
  + Possible question - Rural vs. Urban public-school offerings?
  + Possible consideration - Scarcity of land that causes housing prices to go up. Ex: houses near water (near the ocean, Orlando lakefront properties), houses on an island (the Keys) or an urban environment.
    - Are schools more closely located near water better?
  + If you live in an area with higher housing cost is your public school more likely to have extra amenities, such as special education?
* Datasets to be used
  + Public\_Schools.csv
    - <https://opendata.arcgis.com/datasets/87376bdb0cb3490cbda39935626f6604_0.csv?outSR=%7B%22latestWkid%22%3A3857%2C%22wkid%22%3A102100%7D&session=1939337052.1586828003>
  + SchoolGrades19.xls
    - <http://www.fldoe.org/accountability/accountability-reporting/school-grades/>
* Rough breakdown of tasks

1. Hypothesis testing is a way to test a theory of question.
2. Hypothesis testing applies statistical methods to determine if something happened purely by chance.
   1. Null Hypothesis
3. Probability of observing the event
   1. The P value
4. T-Test
   1. A t-test can be used to compare the mean of a sample to the population
      1. (1 Sample T-Test)
      2. Or the difference between population means (independent T-Test).