- Developer: Sophia Xiao @ 2021/1/2
- Dataset downloaded from Tianchi
  <a href="https://tianchi.aliyun.com/dataset/dataDetail?dataId=83994">https://tianchi.aliyun.com/dataset/dataDetail?dataId=83994</a>
- Goal: predicting the interest level (low-med-high) of testing file by analyzing features in training file

## Website cited:

- https://stackoverflow.com/questions/51452031/how-to-use-the-test-data-against-t
  he-trained-model
- https://stackoverflow.com/questions/45681387/predict-test-data-using-model-base
  d-on-training-data-set
- https://www.kaggle.com/c/titanic/discussion/54683

## • Steps:

- Pull and see useful features that can help in prediction: in this case, I only handle the numeric features
- I need to predict categorical variable (low-med-high) in testing file, so when I analyse the training file, I need to convert the responsible variable to numbers in training file (low 1, med 2, high -3)
- Using module in python package installed (I choose decision tree here, but I yet to know the difference between so many prediction tool such as something like "forest tree(?)")
- Convert the response variable 1, 2, 3 back to interest level

## • Questions I had:

• Can features other than numerical also be mixed in the prediction process?

• Is there a way to convert the response variable other than I create a dictionary?

