Day 1

Homework 1

1. Why is the selected data important?

The topic I pick is ‘House Prices: Advanced Regression Techniques’, which I consider worth referring when observing the real estates market.

2.Where doew the data come from?

The [Ames Housing dataset](http://www.amstat.org/publications/jse/v19n3/decock.pdf) was compiled by Dean De Cock for use in data science education.

3.What is the data type?

.csv

4.How do you assess the way to solve problems?

The submitted result automatically generates a score, which is calculated as a weighted average of the precision and recall.

Homework 2

1.What is the core problem? i.e. how to define ‘increase the sales’ & ‘assumption‘

Sales = transaction amount \* per customer transaction, either shall be the target to raise.

2.Where doew the data come from? i.e. what data may affect your question & how to collect data

The transaction system.

3.What is the data type?

It really depends.

4.How do you assess the way to solve problems? ie. how to verify the assumption

We may run a POC test to see if the assumption works.