# Project 2

I want to build a analyzer for shops which means people can get the feedback for a specific shop(like restaurant, gift shop) using my analyzer.

The method I want to use is I search the recent Tweets contains the shop name and use Google NLP to analyse all these sentences and give the sentiment score of the shop recently. And then my analyzer can give users feedback base on the sentiment score.
I calculate the average sentiment score.

People can just simply type in the shop(restaurants) name and they will get the average sentiment score of this shop(base on recent tweets.)

Result:
Like I type pepsi:

```
/Users/shenxufeng/miniforge3/envs/
Average Sentiment Score:
-0.14999999925494195


Process finished with exit code 0
```

Users:
The customers who want to know how people feel about the shop.
The shop owner can know is there any thing he needs to fix.


Disadvantages:
The limitation of Tweets amount, since the twitter api set a limitation of the amount of tweets, so the data for using is some kind of not enough. The result may be influenced by some extreme tweets.

Advantages:
Can reflect how people feel about the shop recently, and find out if there any bad things happened recently.