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# OpenRice Comment Ranker

## Ranking the post on Open Rice

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## Background

OpenRice is a popular website in Hong Kong which stores most of the restaurants' information and food review. However, when people want to find out the comments about a restaurant on OpenRice, such as food or service quality feedbacks, they may have to read through lots of posts to get a general idea. It is really inconvenient and time-wasting



I can't think of a restaurant to eat.

Go to OpenRice Comment Ranker!

## Objective

Develop software to rank the food reviews based on their information richness and the time of post

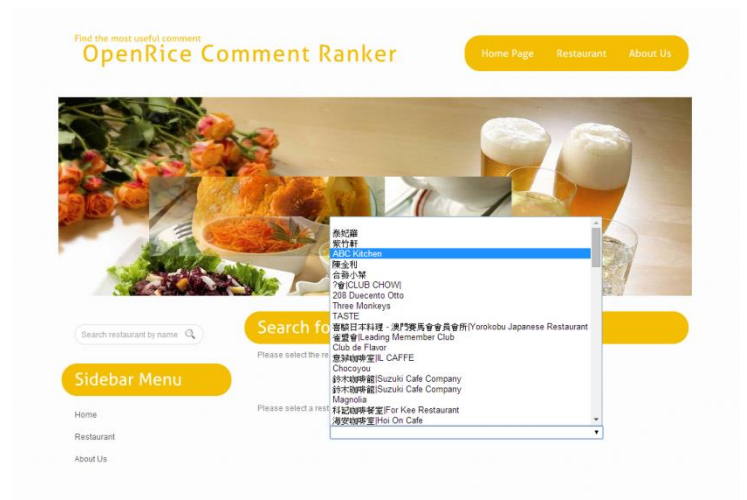
Only the most valuable 3 comments will be shown to the users so that they can get a general idea quickly

# Interface



Find/Read the comments of the restaurant by **Searching The Name**

Find/Read the comments of the restaurant by **Choosing the name and district**



## Comments

Posted on 2013-08-28 12:38:03

我有一位朋友好鍾意食 yogurt, 講真我麻麻地.....不過陪佢食無所謂啦.....由於費事淨係睇住佢食所以我諗住叫個 cupcake 試下; 我個人喜歡 chocolate 就叫了 Oreo Cupcake.....我最鍾意面頭個 pat cream 有好多的 chocolate cookie 碎, 個且糕底就有幾 rich 既 chocolate 味, 我本身好怕甜但呢件野我幾鍾意, 於是我問個 staff 係咪佢地自己 homemade, 個 staff 話 O cupcake 係來自 1 間叫 Eat My Cakes 既公司.....睇黎依家都幾興寄賣.....但可惜款色較少.....等我下次試下第二隻先.....

Posted on 2013-06-16 22:35:34

食完銀咖哩, 由西邊街行番落去, 沿途經過一間餅店, 於是入去看看。店舖門面裝飾比較舊式, 估唔到入面係賣 Cupcakes, cheesecake 等西式蛋糕。店內自設廚房焗製蛋糕, 只見店主一人在店內忙碌中。店內也有堂食嘍位置, 不過得一個座位。最後我揀咗件 New York Cheesecake, 店舖提供小盒放蛋糕。New York Cheesecake 好厚, 不過食落很軟綿, 芝士味香濃, 比平時食嘅 New York Cheesecake 香軟, 而且食完一整件都唔覺膩, 真不錯。再自己加粒士多啤梨, 仲正!

Posted on 2013-06-21 11:50:14

I went to Smooch, the great little yoghurt place under the escalator on Hollywood Road to have a yoghurt and at the same time we purchased 2 cupcakes - wow, they were amazing - Oreo cupcakes (they had lots more that looked yummy also), so delicious. I asked about ordering and the girl at Smooch told be they were from Eat My Cakes so I will certainly be eating more of these cupcakes - amaaaaazing!

[Read more](#)

## Method

Four algorithms:

Hotness algorithm – counting the no. of recommendations and the time of issue

Weight occurrence algorithm – counting the number of keywords in comments

Data comprehensive algorithm – considering the comprehensiveness of comments

Comment rating algorithm – calculating the final scores of comments

## Challenge

Difficult in accessing to the real openrice database

Cannot get the food reviews

Solution: Help by Professor Chen

Hard to decide the algorithm as we have no experience in data mining

Solution: we have done lots of research on the internet

## Conclusion

In this project, we have done lots of research and tried lots of tools for helps. We think that our techniques in coding and date mining have been improved a lot throughout the whole project. Although there are also some difficulties during the project, it is worth it since we learn a lot and we have fun when we doing together